

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2232635485 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

**Closure Report Attachment Checklist:** *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature: Chase Settle Date: 12/30/2022  
email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Jocelyn Harimon Date: 12/30/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Hamlet Date: 5/5/2023  
Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced



## **SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE REPORT**

**LODEWICK 6" PVC LATERAL  
UNIT F, SECTION 18, TOWNSHIP 19S, RANGE 25E  
EDDY COUNTY, NEW MEXICO  
32.66298, -104.52850  
RANGER REFERENCE NO. 5375**

### **PREPARED FOR:**

**EOG RESOURCES, INC.  
ARTESIA DIVISION  
105 S 4TH STREET  
ARTESIA, NEW MEXICO 88210**

### **PREPARED BY:**

**RANGER ENVIRONMENTAL SERVICES, LLC.  
P.O. BOX 201179  
AUSTIN, TEXAS 78720**

**DECEMBER 29, 2022**

A blue ink signature of Chad M. Copeland, consisting of stylized cursive letters.

**Chad M. Copeland, P.G. (TX)  
Senior Project Manager**

A blue ink signature of William Kierdorf, consisting of stylized cursive letters.

**William Kierdorf, REM  
Project Manager**

## TABLE OF CONTENTS

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|            |   |          |
|------------|---|----------|
| <b>1.0</b> | <b>SITE LOCATION AND BACKGROUND .....</b>                           | <b>1</b> |
| <b>2.0</b> | <b>SITE CHARACTERIZATION .....</b>                                  | <b>2</b> |
| 2.1        | Depth-to-Groundwater.....   | 2        |
| 2.2        | Wellhead Protection Area.....                                       | 2        |
| 2.3        | Distance to Nearest Significant Watercourse .....                   | 2        |
| 2.4        | Closure Criteria.....   | 2        |
| <b>3.0</b> | <b>SITE ASSESSMENT, REMEDIATION, AND CONFIRMATION SAMPLING.....</b> | <b>3</b> |
| 3.1        | Initial Response and Site Assessment .....                          | 3        |
| 3.2        | Additional Remediation and Confirmation Sampling .....              | 4        |
| 3.3        | Final Confirmation Sample Results .....                             | 4        |
| 3.4        | Waste Disposal.....   | 4        |
| <b>4.0</b> | <b>SITE CLOSURE.....</b>  | <b>5</b> |
| 4.1        | Site Backfill and Re-vegetation.....                                | 5        |
| 4.2        | Closure Request.....  | 5        |

### FORM C-141

#### FIGURES

- Topographic Map
- Area Map
- Water Well Location Map
- National Wetland Inventory Map
- FEMA Floodplain Map
- Karst Topography Map
- Final Excavation Area and Confirmation Soil Sample Location Map

#### TABLES

- Site Assessment Soil BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data
- Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

#### ATTACHMENTS

- Attachment 1 – Depth-to-Groundwater Data
- Attachment 2 – Photographic Documentation
- Attachment 3 – Laboratory Analytical Report
- Attachment 4 – NMOCD Correspondence
- Attachment 5 – Howell Ranch Seed Mixture



**SITE CHARACTERIZATION, REMEDIATION, AND CLOSURE REPORT  
LODEWICK 6" PVC LATERAL  
UNIT F, SECTION 18, TOWNSHIP 19S, RANGE 25E  
EDDY COUNTY, NEW MEXICO  
32.66298, -104.52850  
RANGER REFERENCE NO. 5375**

## **1.0 SITE LOCATION AND BACKGROUND**

The Lodewick 6" PVC Lateral (Site) is located on private property, approximately 14.5 miles southwest of Artesia, within Eddy County, New Mexico. The Site is situated in Unit F, Section 18, T19S-R25E at approximate GPS coordinates 32.66298, -104.52850. The Lodewick 6" PVC produced water transfer line was historically operated by EOG Resources, Inc. (EOG) prior to decommissioning of the line.

On November 11, 2022, during a fresh water flushing procedure conducted as part of the pipeline decommission process, EOG representatives discovered that the flush water return volume was decreasing at the collection point. Upon inspection the PVC line was determined to have failed at a valve tinhorn, allowing the release of approximately six barrels (bbls) of the flush water (fresh water with remnant produced water and crude oil).

EOG subsequently engaged Ranger Environmental Services, LLC. (Ranger) to assist in the assessment, remediation, and reclamation efforts at the Site. On November 11, 2022, Ranger personnel conducted an initial assessment of the impacted area shortly after the spill was discovered. Based on the results of the initial assessment activities and further assessment activities conducted on November 21 and 22, 2022, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) (NMOCD Incident # nAPP2232635485).

The following *Site Characterization, Remediation, and Closure Report* has been prepared to document the conducted remediation undertaken to address the impacts associated with the release.

A copy of the previously submitted Form C-141 Release Notification section of Form C-141, is attached. A recent Form C-141 Assessment/Characterization and Closure sections are also attached. A Topographic Map and Area Map noting the location of the subject Site and surrounding areas, and a site map illustrating the Site features and sampling locations, are provided in the Figures section.

## 2.0 SITE CHARACTERIZATION

### 2.1 Depth-to-Groundwater

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was reviewed. Based upon the reviewed information, depth-to-groundwater data meeting the criteria deemed acceptable by the NMOCD is limited.

Based on the available information, the depth-to-groundwater appears to be greater than 100 feet below ground surface (bgs).

A Water Well Location Map and copies of the reviewed depth-to-groundwater information are attached.

### 2.2 Wellhead Protection Area

Based on the reviewed USGS and NMOSE data, no water wells are present within a half-mile of the Site.

Upon review of the National Wetland Inventory, the Site is not within 300 feet of a mapped feature.

The Site and impacted area are outside of the FEMA 100-year flood plain and fall in the area of minimal flood hazard.

The Site is noted to be in an area of "Medium Karst" probability, based upon information presented by the Bureau of Land Management.

### 2.3 Distance to Nearest Significant Watercourse

Based upon available online resources, no significant watercourses are present within a half-mile of the Site.

### 2.4 Closure Criteria

Based upon the site characterization details, and per NMAC 19.15.29.12, the Site was remediated to the Table 1 19.15.29.12 NMAC (groundwater <50 feet) criteria. Additionally, the remediation activities were conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. The applicable site closure criteria are detailed below:

| REGULATORY STANDARD   | CHLORIDE | TPH<br>(GRO+DRO<br>+MRO) | BTEX | BENZENE |
|---|----------|--------------------------|------|---------|
| 19.15.29.12 NMAC Table 1 Closure Criteria for<br>Soils Impacted by a Release (GW ≤50')<br>&<br>19.15.29.13 NMAC Restoration, Reclamation and<br>Re-Vegetation (Soils 0'-4') | 600      | 100                      | 50   | 10      |

All Values Presented in Parts Per Million (mg/Kg)

### 3.0 SITE ASSESSMENT, REMEDIATION, AND CONFIRMATION SAMPLING

#### 3.1 Initial Response and Site Assessment

Upon discovery of the release, immediate actions were taken to stop the release of fluids and release response efforts were initiated. During the initial response, Ranger personnel mobilized to the Site to assess and document the extent of impacts from the release. Upon inspection of the impacted area at the Site it was noted to be irregularly shaped and had maximum dimensions of approximately 233 feet by 93 feet.

During the initial response, representatives of EOG conducted soil removal in the immediate vicinity of the release location in order to expose the line and allow for a repair to be completed. The soil removal was completed to a maximum depth of approximately four feet bgs.

On November 21 and 22, 2022, Ranger personnel and representatives of EOG returned to the Site to complete assessment activities in the reported area. The assessment included the collection of soil samples for field screening purposes. The samples collected for field screening purposes were assessed utilizing an organic vapor monitor (OVM) and a field chloride titration kit to assist in determining the level of impacts in the assessment areas. Based on the observed field readings, soil removal operations were completed in the areas impacted by the release. As previously stated, the area in the immediate vicinity of the release location had been excavated to a depth of approximately four feet bgs. The remaining impacted area was completed to depths varying from six inches to approximately one-foot bgs.

To further assess the impacted/excavated area, soil samples for laboratory analysis were collected from the area. The assessment soil samples were collected as five-part composite samples in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet. During the November 2022 sampling activities, a total of 44 soil samples were collected from impact/excavation areas associated with the release.

Upon collection, the soil samples were submitted to Hall Environmental Laboratory, Inc. in Albuquerque, New Mexico for analysis of total petroleum hydrocarbons (TPH) using EPA Method 8015; benzene, toluene, ethylbenzene and xylenes (BTEX) using EPA Method 8021; and, total chloride using EPA Method 300. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

Upon review of the laboratory analytical results, six samples collected in the vicinity of the release location, immediately adjacent to the excavation area, completed to a depth of four feet, were noted to have TPH concentrations in exceedance of the applicable regulatory criteria.

The soil sample laboratory analytical results are summarized in Table 1. Copies of the laboratory analytical reports are also attached.

### **3.2 Additional Remediation and Confirmation Sampling**

Based on the results of the November 2022 sampling activities, additional soil removal operations were deemed necessary at the Site. On December 9, 2022, Ranger personnel and representatives of EOG returned to the Site to completed over-excavation activities in the sample areas documented to have concentrations in exceedance of the applicable regulatory criteria. During the excavation process, Ranger personnel collected field readings from the excavated areas utilizing an organic vapor monitor (OVM) and a field chloride titration kit to assist in guiding the excavation activities to appropriate and approximate boundaries.

To assess the excavated areas and confirm that the excavation areas had been completed to appropriate boundaries, confirmation soil samples were once again collected as five-part composite samples in accordance with NMAC 19.15.29.12(D), with each sample representing no more than 200 square feet. Prior to the confirmation sampling event, notice was provided to the NMOCD in accordance with NMAC 19.15.29.12(D). A Copy of the notification is attached.

Based on the results of the samples collected during the December 9, 2022 confirmation sampling event, one soil sample ("W-1"), collected from the excavation side wall of the excavated area in the vicinity of the release location was noted to have a TPH concentration in exceedance of the applicable regulatory criteria for TPH. All other samples were noted to have BTEX, TPH and chloride concentrations within the applicable regulatory criteria.

To address the area, Ranger personnel and representatives for EOG returned to the Site on December 22, 2022 to complete additional removal and confirmation sampling activities. Upon completion of the removal operations, an additional sample was collected from the area in accordance with NMAC 19.15.29.12(D).

Upon collection, all confirmation soil samples from the December 9 and 22, 2022 sampling events were submitted to Hall Environmental in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods. The samples were collected and managed using standard QA/QC and chain-of-custody procedures.

### **3.3 Final Confirmation Sample Results**

Upon review of the final confirmation sample results, all areas have been brought into attainment of the Table 1 (groundwater  $\leq 50$  feet) criteria and the Restoration, Reclamation and Re-Vegetation criteria detailed in 19.15.29.13 NMAC. Comprehensive sample result tables summarizing the laboratory sample results for all samples collected during the remediation process are attached. Copies of the laboratory analytical reports including chain-of-custody documentation are attached.

### **3.4 Waste Disposal**

All soils generated during the remedial excavation activities were transported and disposed of at Lea Land disposal facility in Lea County, New Mexico.



#### **4.0 SITE CLOSURE**

##### **4.1 Site Backfill and Re-vegetation**

Based on the soil sample laboratory results, the excavated area was backfilled with clean fill material in accordance with NMAC 19.15.29.12 and NMAC 19.15.29.13 and will be re-seeded with the surface owner directed seed mixture. A copy of the seed mixture is attached.

##### **4.2 Closure Request**

Based on the site assessment activities and results of the cleanup confirmation soil samples, the site has been properly addressed pursuant to NMAC 19.15.29 and EOG respectfully requests closure of the incident. A final C-141 form is attached.



FORM C-141

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural  
Resources Department

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-141  
Revised August 24, 2018  
Submit to appropriate OCD District office

|                |                |
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## Release Notification

### Responsible Party

|  |                                |
|--|--------------------------------|
| Responsible Party EOG Resources, Inc.                        | OGRID 7377                     |
| Contact Name Chase Settle                                    | Contact Telephone 575-748-1471 |
| Contact email Chase_Settle@eogresources.com                  | Incident # nAPP2232635485      |
| Contact mailing address 104 S. 4th Street, Artesia, NM 88210 |                                |

### Location of Release Source

Latitude 32.66298 Longitude -104.52850  
(NAD 83 in decimal degrees to 5 decimal places)

|                                    |                      |
|------------------------------------|----------------------|
| Site Name Lodewick 6" PVC Lateral  | Site Type Pipeline   |
| Date Release Discovered 11/11/2022 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| F           | 18      | 19S      | 25E   | Eddy   |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Howell Revocable Trust)

### Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

|  |  |  |
|--|--|--|
| <input type="checkbox"/> Crude Oil   | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Produced Water  | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
|  | Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate  | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Natural Gas   | Volume Released (Mcf)  | Volume Recovered (Mcf)                                   |
| <input checked="" type="checkbox"/> Other (describe)   | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                  |
| Flushing Water   | 6 bbls Fresh Water, with remnant Produced Water/Crude Oil                                | 0 bbls   |
| Cause of Release During the fresh water flushing procedure as part of the pipeline decommission process for an out of service 6" PVC produced water transfer line, it was discovered that flush water volume was decreasing at the collection truck. The PVC line was later determined to have failed at a valve tinhorn, allowing the release of 6 bbls of the flush water (fresh water with remnant produced water and crude oil). The volume released was calculated using the volume placed in the line for flushing minus the volume recovered, with 6 bbls as the calculated loss. |  |  |

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|   |  |
|---|--|
| Was this a major release as defined by 19.15.29.7(A) NMAC?<br><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?                          |  |

### Initial Response

*The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury*

|  |   |
|--|---|
| <input checked="" type="checkbox"/> The source of the release has been stopped.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.   |   |
| If all the actions described above have <u>not</u> been undertaken, explain why:   |   |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |   |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |
| Printed Name: <u>Chase Settle</u>  | Title: <u>Rep Safety &amp; Environmental Sr</u> |
| Signature: <u>Chase Settle</u>   | Date: <u>11/22/2022</u>                         |
| email: <u>Chase_Settle@eogresources.com</u>  | Telephone: <u>575-748-1471</u>                  |
| <b><u>OCD Only</u></b>   |   |
| Received by: <u>Jocelyn Harimon</u>  | Date: <u>11/22/2022</u>                         |

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 160803

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377  |
|  | Action Number:<br>160803                                  |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| jharimon   | None      | 11/22/2022     |

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## Site Assessment/Characterization

*This information must be provided to the appropriate district office no later than 90 days after the release discovery date.*

|   |   |
|---|---|
| What is the shallowest depth to groundwater beneath the area affected by the release?   | <u>&gt;100'</u> (ft bgs)  |
| Did this release impact groundwater or surface water?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

### **Characterization Report Checklist:** *Each of the following items must be included in the report.*

- ☒ Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- ☒ Field data
- ☒ Data table of soil contaminant concentration data
- ☒ Depth to water determination
- ☒ Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- ☒ Boring or excavation logs
- ☒ Photographs including date and GIS information
- ☒ Topographic/Aerial maps
- ☒ Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature: Chase Settle Date: 12/30/2022  
email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Jocelyn Harimon Date: 12/30/2022

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- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature: Chase Settle Date: 12/30/2022  
email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

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Received by: Jocelyn Harimon Date: 12/30/2022

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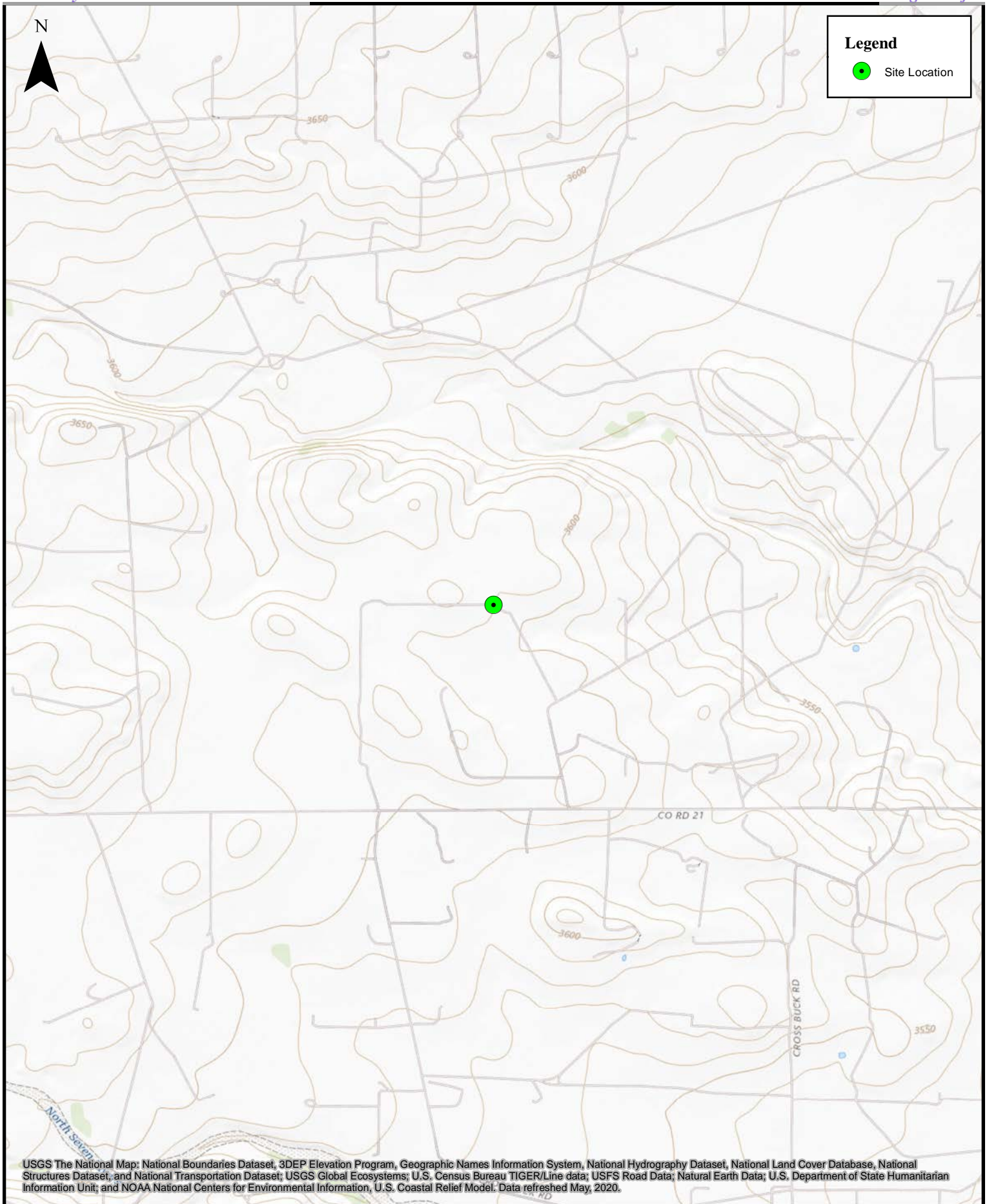
Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

## FIGURES

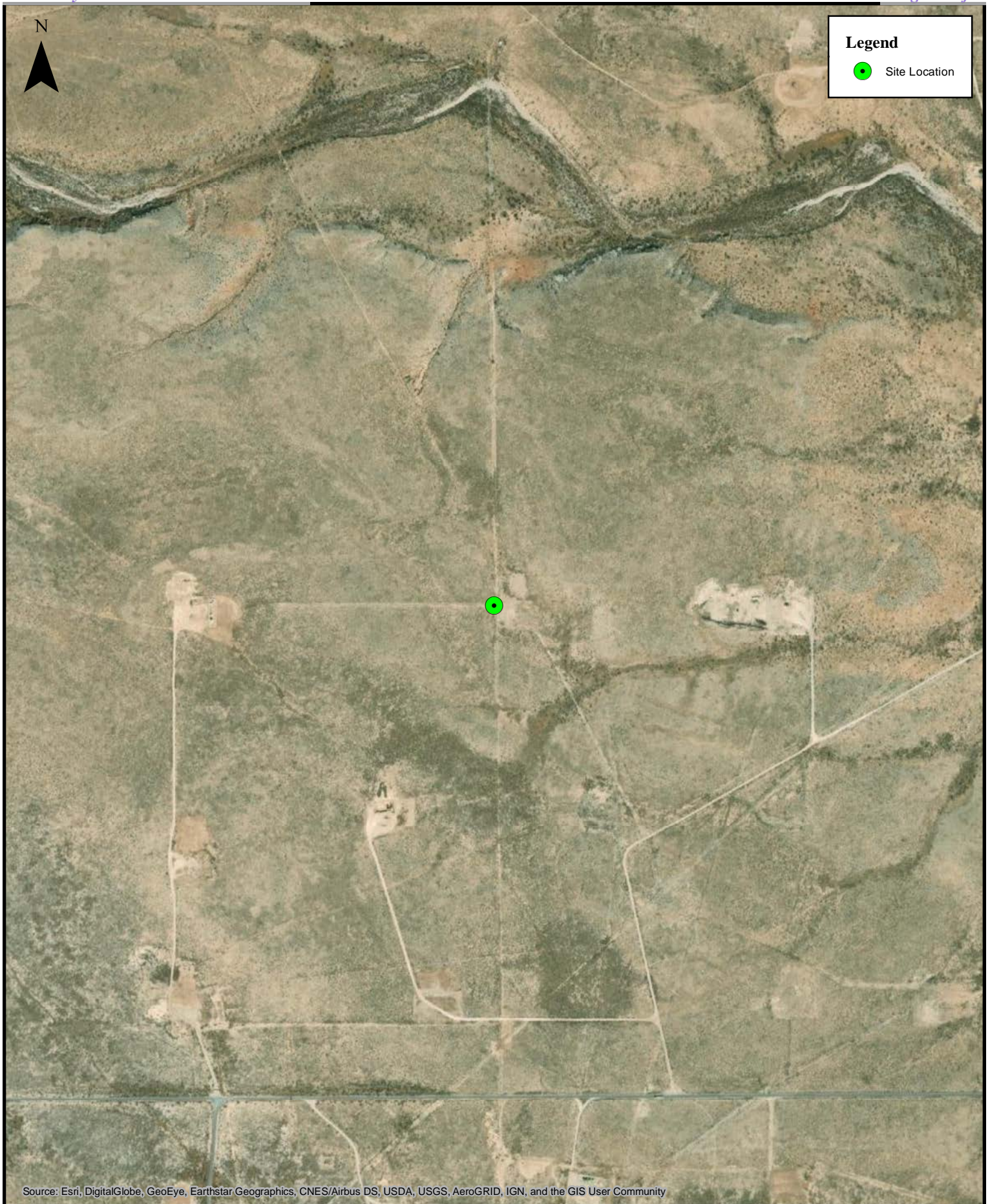
Topographic Map  
Area Map  
Water Well Location Map  
National Wetland Inventory Map  
FEMA Floodplain Map  
Karst Topography Map  
Final Excavation Area and Confirmation Sample Location Map






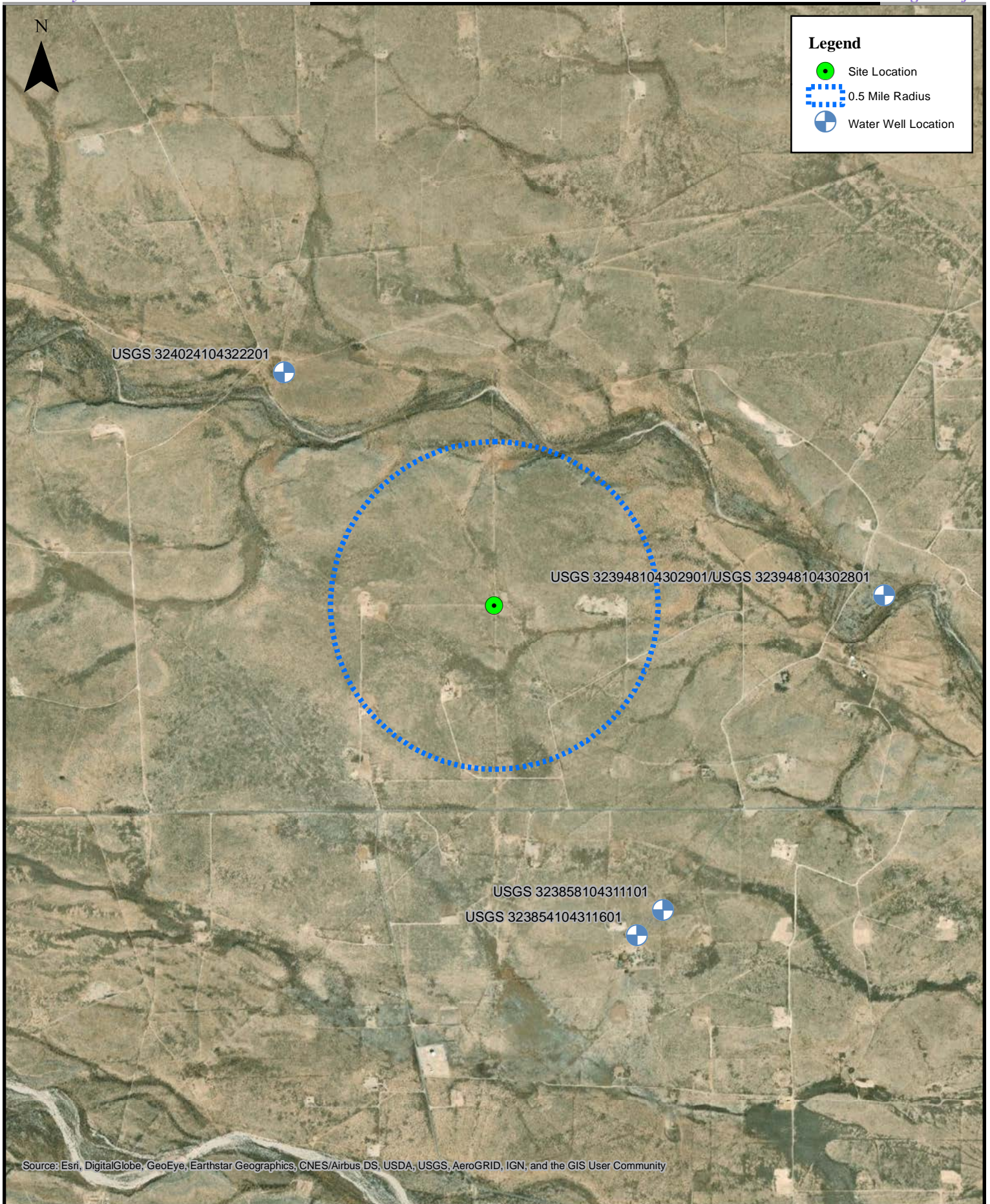
|  |  |
|--|--|
|  <div data-bbox="375 1934 899 1990"><p>0 600 1,200 2,400 3,600 4,800 Feet</p></div> <p data-bbox="560 1992 685 2028">1:24,000</p> | <p data-bbox="1128 1923 1357 1955"><b>Topographic Map</b></p> <p data-bbox="1089 1959 1396 2022">Lodewick 6" PVC Lateral<br/>EOG Resources, Inc.</p> |
|--|--|





|  |  |
|--|--|
|  <p>0 250 500 1,000 1,500 2,000 Feet</p> <p>1:10,000</p> | <p><b>Area Map</b></p> <p>Lodewick 6" PVC Lateral</p> <p>EOG Resources, Inc.</p> |
|--|--|



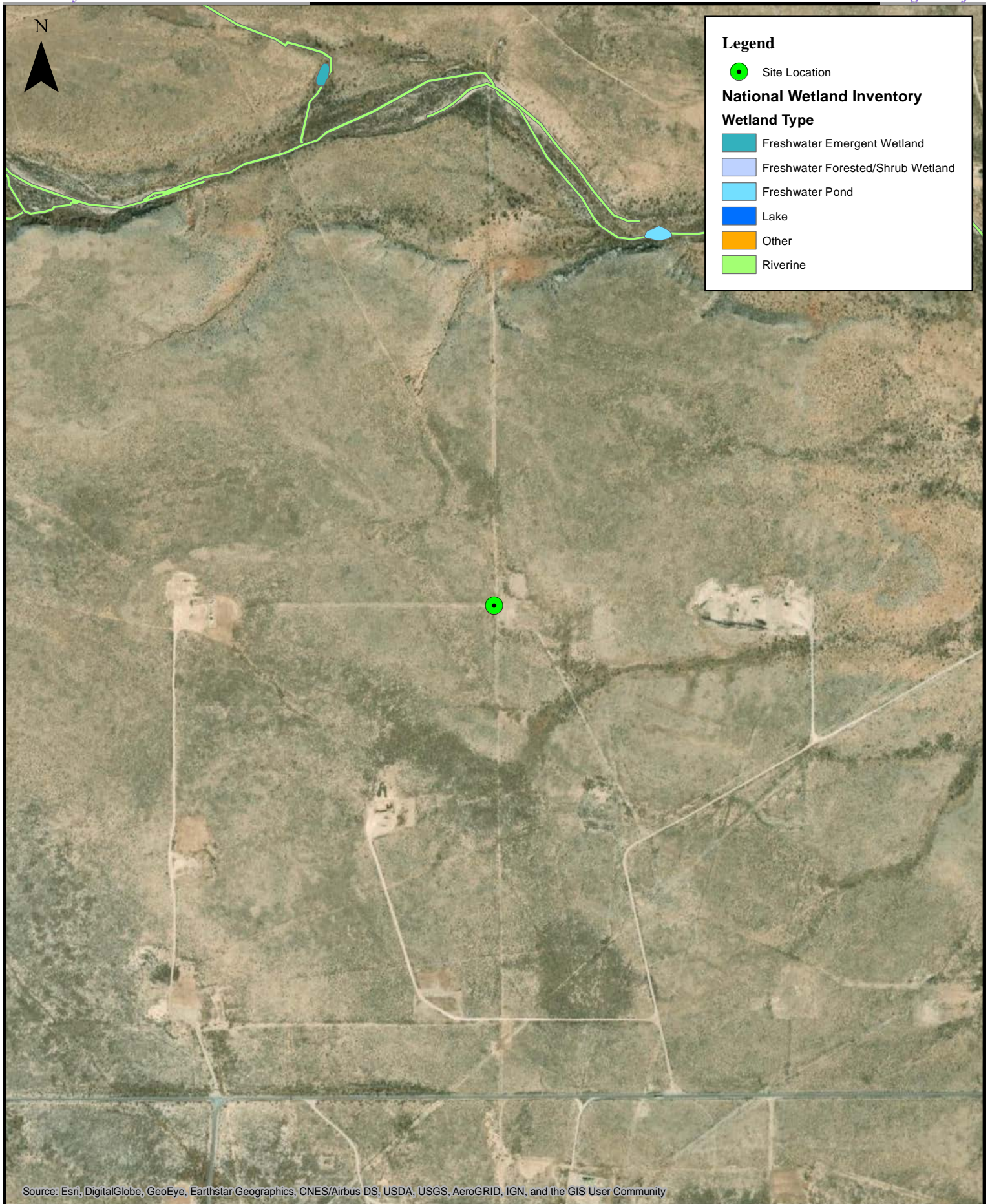


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1:24,000

**Water Well Location Map**  
Lodewick 6" PVC Lateral  
EOG Resources, Inc.



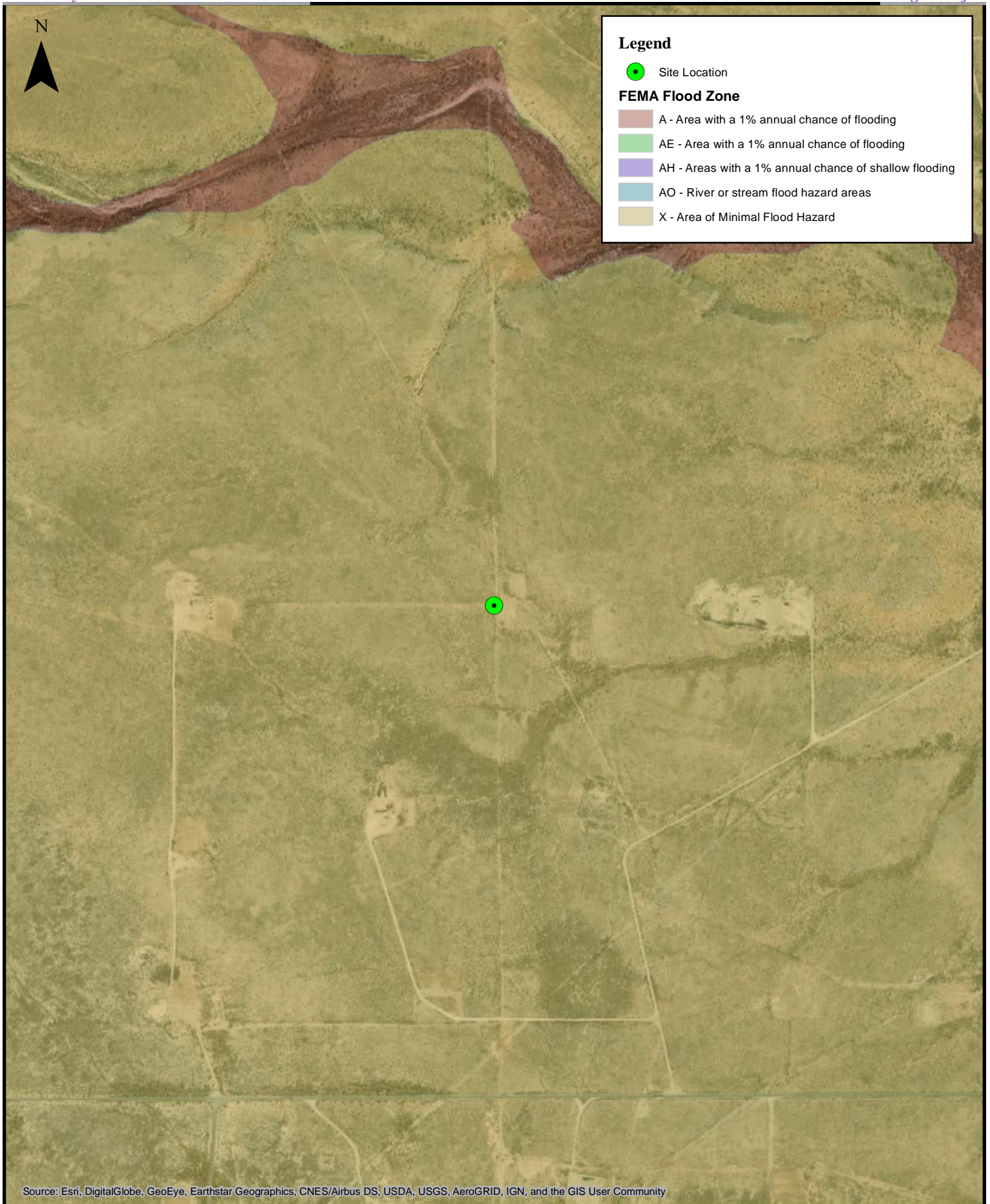


0 250 500 1,000 1,500 2,000 Feet

1:10,000

**National Wetland Inventory Map**  
Lodewick 6" PVC Lateral  
EOG Resources, Inc.



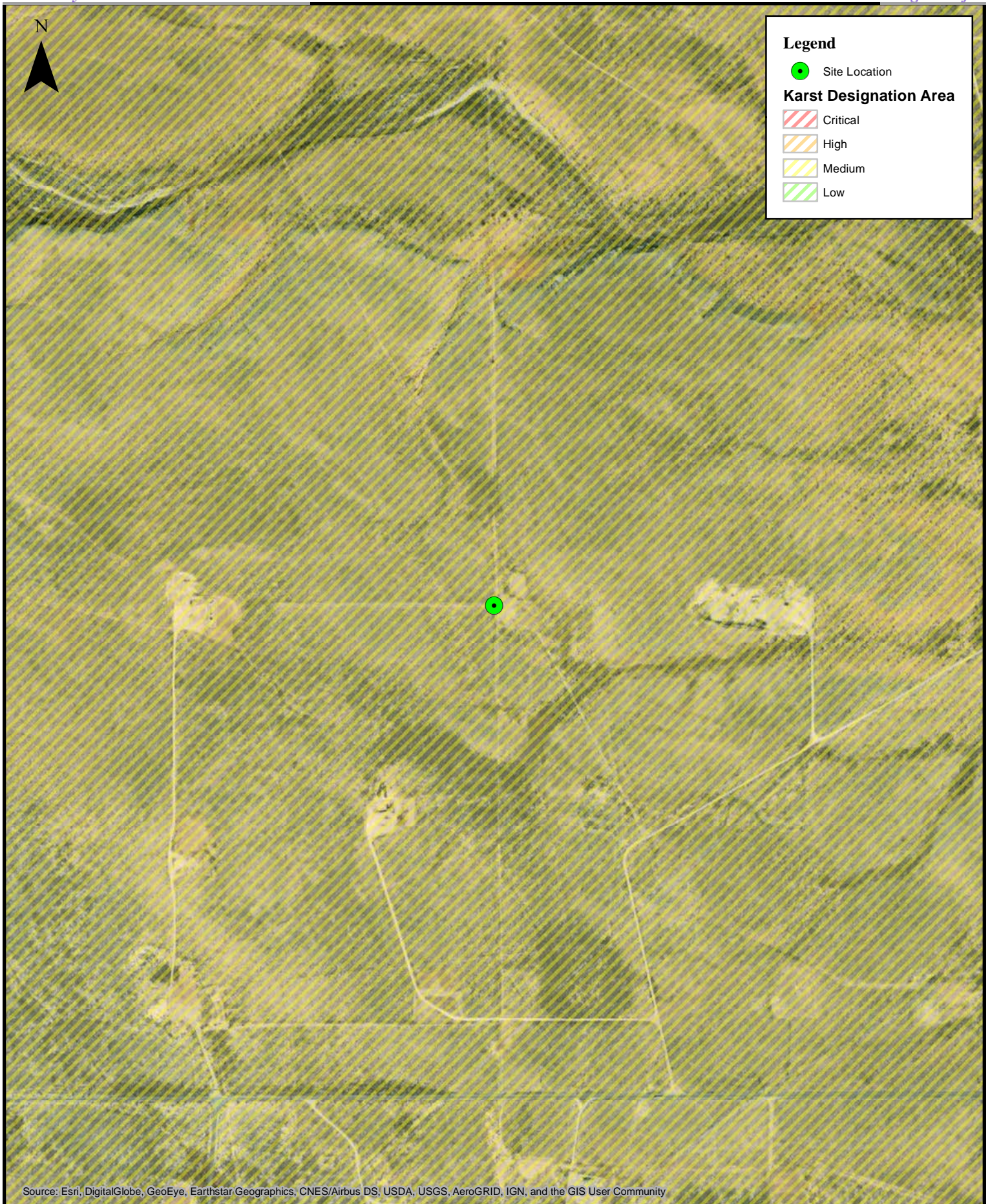


0 250 500 1,000 1,500 2,000 Feet

1:10,000

**FEMA Floodplain Map**  
Lodewick 6" PVC Lateral  
EOG Resources, Inc.





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

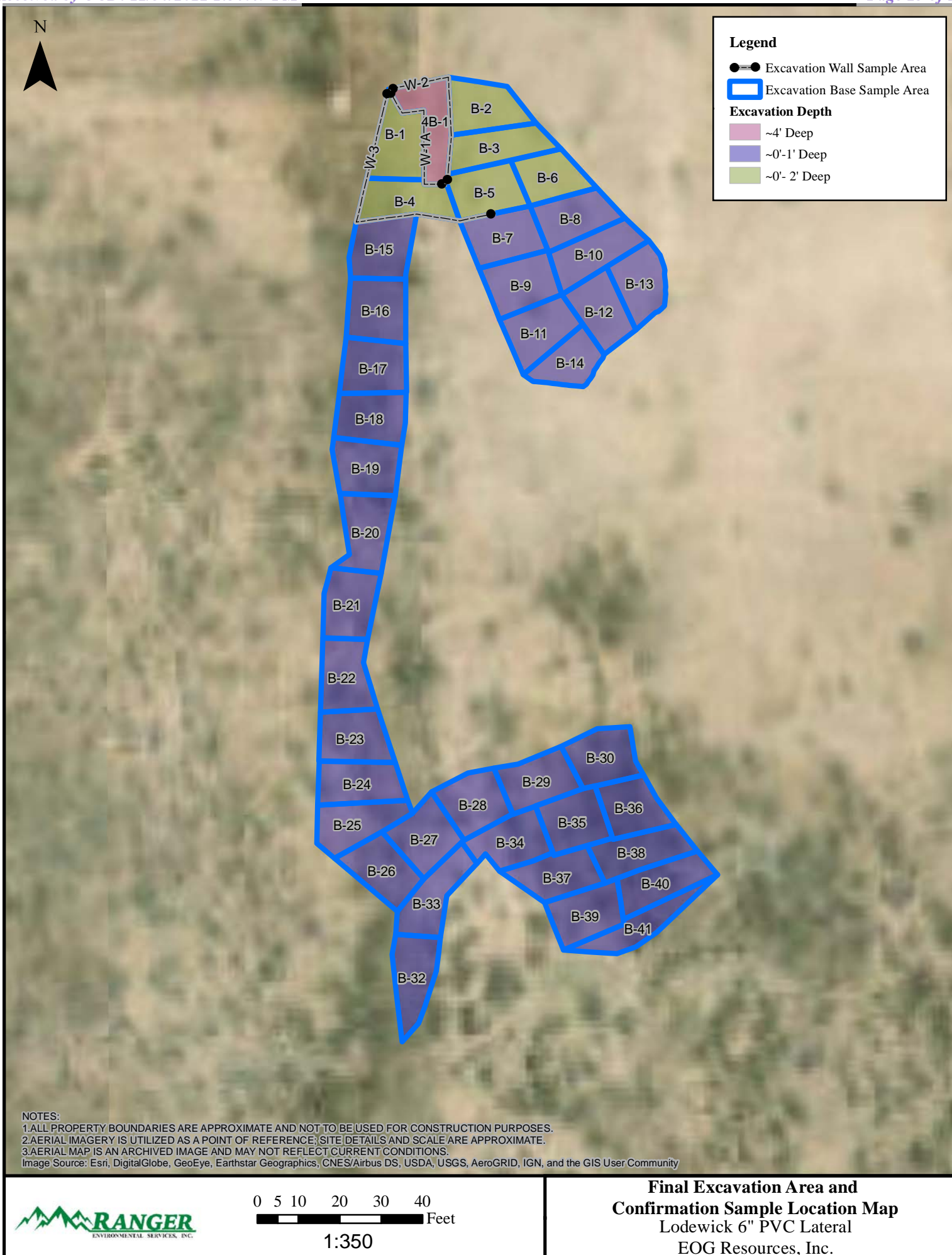


0 250 500 1,000 1,500 2,000 Feet

1:10,000

**Karst Topography Map**  
Lodewick 6" PVC Lateral  
EOG Resources, Inc.





## TABLES

Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data

Confirmation Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data



| SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA<br>EOG RESOURCES, INC.<br>LODEWICK LINE   |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
|---|------------|------------|-----------------|---------|---------------|---------------|-----------------|----------------|-----------------|-----------------|---------------|-------------------|----------|
| All values presented in parts per million (mg/Kg)   |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| SAMPLE ID   | DATE       | DEPTH (FT) | BENZENE         | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES | TOTAL BTEX      | TPH GRO C6-C10 | TPH DRO C10-C28 | TPH MRO C28-C36 | TPH (GRO+DRO) | TPH (GRO+DRO+MRO) | CHLORIDE |
| Initial Confirmation Sampling (November 21, 2022)   |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| B-1   | 11/21/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | 150             | 75              | 150           | <b>225</b>        | <60      |
| B-2   | 11/21/2022 | 0.5'-1'    | <0.024          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | 310             | 140             | 310           | <b>450</b>        | <60      |
| B-3   | 11/21/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | 210             | 170             | 210           | <b>380</b>        | 61       |
| B-4   | 11/21/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.093        | <0.09           | <4.7           | 140             | 100             | 140           | <b>240</b>        | <61      |
| B-5   | 11/21/2022 | 0.5'-1'    | <0.023          | <0.046  | <0.046        | <0.092        | <0.09           | <4.6           | 380             | 230             | 380           | <b>610</b>        | 70       |
| B-6   | 11/21/2022 | 0.5'-1'    | <0.024          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | 330             | 200             | 330           | <b>530</b>        | 81       |
| B-7   | 11/21/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <47             | <14           | <47               | <60      |
| B-8   | 11/21/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <14             | <48             | <14           | <48               | <60      |
| B-9   | 11/21/2022 | 0.5'-1'    | <0.024          | <0.047  | <0.047        | <0.095        | <0.09           | <4.7           | <15             | <48             | <15           | <48               | <60      |
| B-10  | 11/21/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <14             | <47             | <14           | <47               | <60      |
| B-11  | 11/21/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <50             | <15           | <50               | <60      |
| B-12  | 11/21/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <48             | <14           | <48               | <60      |
| B-13  | 11/21/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-14  | 11/21/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <15             | <49             | <15           | <49               | <60      |
| B-15  | 11/21/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <14             | <47             | <14           | <47               | <60      |
| B-16  | 11/21/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <60      |
| B-17  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | <15             | <50             | <15           | <50               | <59      |
| B-18  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-19  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <14             | <48             | <14           | <48               | <60      |
| B-20  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.046  | <0.046        | <0.092        | <0.09           | <4.6           | <15             | <49             | <15           | <49               | <60      |
| B-21  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.093        | <0.09           | <4.7           | <15             | <50             | <15           | <50               | <60      |
| B-22  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.047  | <0.047        | <0.095        | <0.09           | <4.7           | <15             | <50             | <15           | <50               | <60      |
| B-23  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <14             | <48             | <14           | <48               | <59      |
| B-24  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-25  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.046  | <0.046        | <0.093        | <0.09           | <4.6           | <15             | <49             | <15           | <49               | <60      |
| B-26  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <14             | <48             | <14           | <48               | <60      |
| B-27  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.093        | <0.09           | <4.7           | <14             | <48             | <14           | <48               | <60      |
| B-28  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <14             | <46             | <14           | <46               | <60      |
| B-29  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <50             | <15           | <50               | <60      |
| B-30  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <14             | <48             | <14           | <48               | <61      |
| B-31  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <47             | <14           | <47               | <60      |
| B-32  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-33  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <50             | <15           | <50               | <59      |
| B-34  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <48             | <14           | <48               | <60      |
| B-35  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <13             | <44             | <13           | <44               | <60      |
| B-36  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <50             | <15           | <50               | <60      |
| B-37  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <13             | <45             | <13           | <45               | <59      |
| B-38  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-39  | 11/22/2022 | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.095        | <0.10           | <4.8           | <15             | <49             | <15           | <49               | <60      |
| B-40  | 11/22/2022 | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-41  | 11/22/2022 | 0.5'-1'    | <0.023          | <0.047  | <0.047        | <0.093        | <0.09           | <4.7           | <15             | <49             | <15           | <49               | <60      |
| 4B-1  | 11/21/2022 | 4'         | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <15             | <48             | <15           | <48               | <60      |
| W-1   | 11/21/2022 | 1'-4'      | <0.023          | <0.046  | <0.046        | <0.092        | <0.09           | <4.6           | <14             | <47             | <14           | <47               | <60      |
| W-2   | 11/21/2022 | 1'-4'      | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <15             | <49             | <15           | <49               | <60      |
| 19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')  |            |            | 10              | ---     | ---           | ---           | 50              | ---            | ---             | ---             | ---           | 100               | 600      |
| 19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)  |            |            | 10 <sup>3</sup> | ---     | ---           | ---           | 50 <sup>3</sup> | ---            | ---             | ---             | ---           | 100 <sup>3</sup>  | 600      |
| Notes:  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019. |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |

| CONFIRMATION SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA<br>EOG RESOURCES, INC.<br>LODWICK LINE<br>All values presented in parts per million (mg/Kg)              |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
|---|------------|------------|-----------------|---------|---------------|---------------|-----------------|----------------|-----------------|-----------------|---------------|-------------------|----------|
| SAMPLE ID   | DATE       | DEPTH (FT) | BENZENE         | TOLUENE | ETHYL-BENZENE | TOTAL XYLENES | TOTAL BTEX      | TPH GRO C6-C10 | TPH DRO C10-C28 | TPH MRO C28-C36 | TPH (GRO+DRO) | TPH (GRO+DRO+MRO) | CHLORIDE |
| B-1   | 12/9/2022  | 0.5'-2'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <59      |
| B-2   | 12/9/2022  | 0.5'-2'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <48             | <15           | <48               | <60      |
| B-3   | 12/9/2022  | 0.5'-2'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <61      |
| B-4   | 12/9/2022  | 0.5'-2'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <15             | <49             | <15           | <49               | <60      |
| B-5   | 12/9/2022  | 0.5'-2'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <45             | <14           | <45               | <60      |
| B-6   | 12/9/2022  | 0.5'-2'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-7   | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-8   | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-9   | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <60      |
| B-10  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <61      |
| B-11  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <60      |
| B-12  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <14             | <45             | <14           | <45               | <60      |
| B-13  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <14             | <48             | <14           | <48               | <59      |
| B-14  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-15  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-16  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <15             | <50             | <15           | <50               | <60      |
| B-17  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <59      |
| B-18  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <46             | <14           | <46               | <61      |
| B-19  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <49             | <15           | <49               | <60      |
| B-20  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-21  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <60      |
| B-22  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <60      |
| B-23  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <14             | <46             | <14           | <46               | <60      |
| B-24  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <47             | <14           | <47               | <60      |
| B-25  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <60      |
| B-26  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <14             | <48             | <14           | <48               | <59      |
| B-27  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <59      |
| B-28  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.099        | <0.10           | <5.0           | <15             | <50             | <15           | <50               | <60      |
| B-29  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <48             | <14           | <48               | <59      |
| B-30  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <14             | <47             | <14           | <47               | <59      |
| B-31  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <15             | <50             | <15           | <50               | <60      |
| B-32  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <15             | <50             | <15           | <50               | <61      |
| B-33  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.098        | <0.10           | <4.9           | <14             | <48             | <14           | <48               | <60      |
| B-34  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | <15             | <50             | <15           | <50               | <60      |
| B-35  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <15             | <49             | <15           | <49               | <61      |
| B-36  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <14             | <48             | <14           | <48               | <60      |
| B-37  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <48             | <15           | <48               | <61      |
| B-38  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.048  | <0.048        | <0.097        | <0.10           | <4.8           | <15             | <49             | <15           | <49               | <60      |
| B-39  | 12/9/2022  | 0.5'-1'    | <0.024          | <0.049  | <0.049        | <0.097        | <0.10           | <4.9           | <15             | <50             | <15           | <50               | <59      |
| B-40  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.049  | <0.049        | <0.099        | <0.10           | <4.9           | <14             | <48             | <14           | <48               | <60      |
| B-41  | 12/9/2022  | 0.5'-1'    | <0.025          | <0.050  | <0.050        | <0.10         | <0.10           | <5.0           | <14             | <47             | <14           | <47               | <59      |
| 4B-1  | 12/9/2022  | 4'         | <0.024          | <0.047  | <0.047        | <0.095        | <0.09           | <4.7           | <15             | <50             | <15           | <50               | <60      |
| W-4   | 12/9/2022  | 1'-4'      | <0.024          | <0.048  | <0.048        | <0.096        | <0.10           | <4.8           | 940             | 460             | 940           | 1,490             | 110      |
| W-1A  | 12/22/2022 | 2'-4'      | <0.026          | <0.052  | <0.052        | <0.10         | <0.10           | <5.2           | <15             | <50             | <15           | <50               | 120      |
| W-2   | 12/9/2022  | 1'-4'      | <0.023          | <0.047  | <0.047        | <0.094        | <0.09           | <4.7           | <15             | <49             | <15           | <49               | <60      |
| W-3   | 12/9/2022  | 0.5'-2'    | <0.023          | <0.047  | <0.047        | <0.093        | <0.09           | <4.7           | <14             | <46             | <14           | <46               | <60      |
| 19.15.29.12 NMAC Table 1 Closure Criteria for Soils Impacted by a Release (GW ≤ 50')  |            |            | 10              | ---     | ---           | ---           | 50              | ---            | ---             | ---             | ---           | 100               | 600      |
| 19.15.29.13 NMAC Reclamation Criteria (0'-4' Soils Only)  |            |            | 10 <sup>3</sup> | ---     | ---           | ---           | 50 <sup>3</sup> | ---            | ---             | ---             | ---           | 100 <sup>3</sup>  | 600      |
| Notes:  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.  |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |
| 3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019. |            |            |                 |         |               |               |                 |                |                 |                 |               |                   |          |

# ATTACHMENT 1 – DEPTH-TO-GROUNDWATER DATA



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



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Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 323854104311601

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323854104311601 19S.25E.19.232334

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'54", Longitude 104°31'16" NAD27

Land-surface elevation 3,624 feet above NGVD29

The depth of the well is 317.00 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

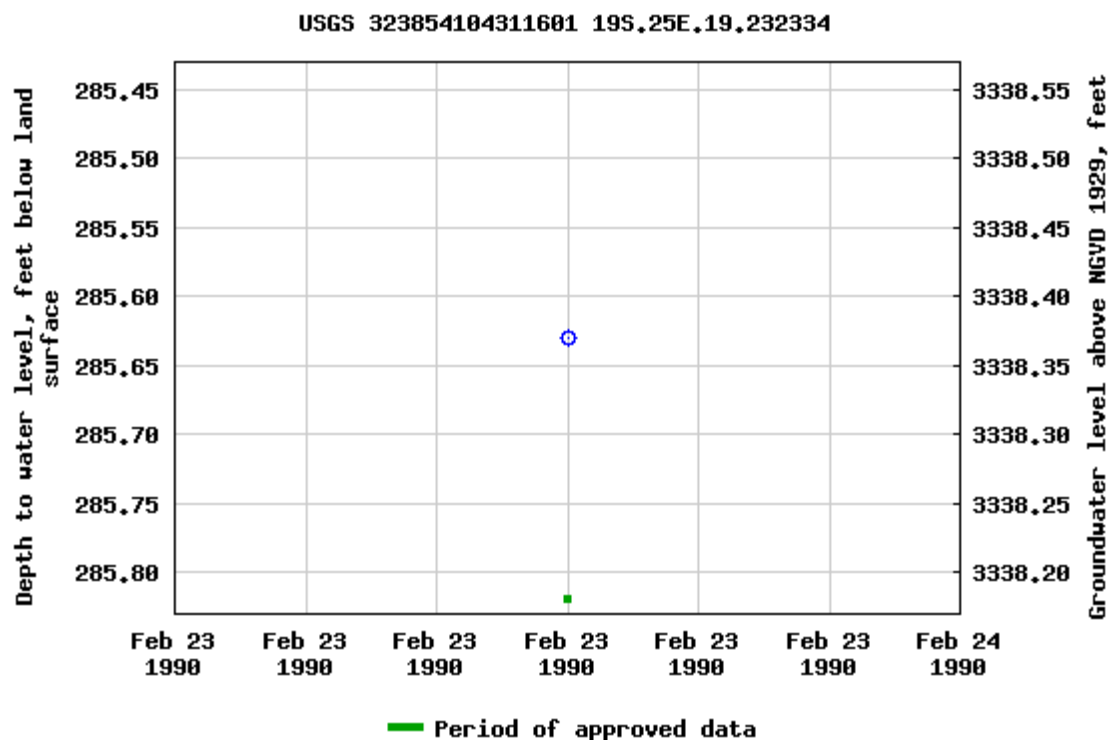
#### Output formats

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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2022-12-22 09:31:42 EST

0.55 0.47 nadww01



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



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Groundwater levels for the Nation



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### Search Results -- 1 sites found

site\_no list =

- 323858104311101

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323858104311101 19S.25E.19.23431

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°38'58", Longitude 104°31'11" NAD27

Land-surface elevation 3,580 feet above NAVD88

The depth of the well is 288 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

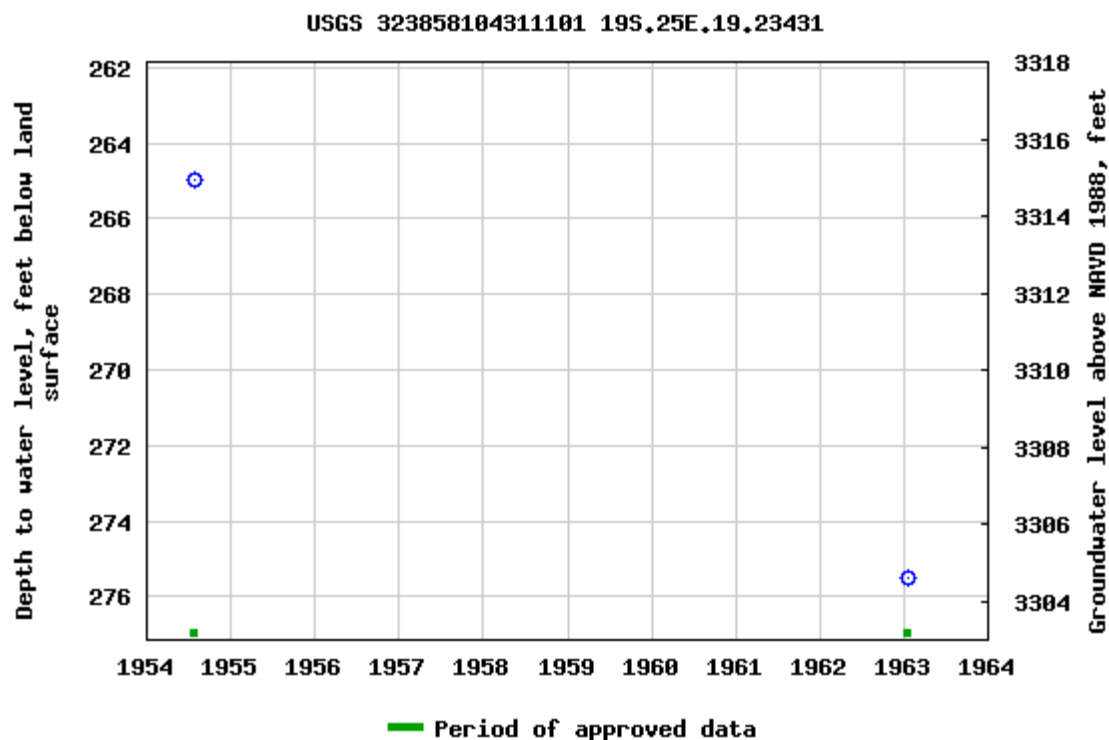
#### Output formats

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**Title: Groundwater for USA: Water Levels**

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0.58 0.48 nadww01



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USGS Water Resources

Data Category:

Groundwater



Geographic Area:

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Groundwater levels for the Nation



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### Search Results -- 1 sites found

site\_no list =

- 323948104302801

Minimum number of levels = 1

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### USGS 323948104302801 19S.25E.17.321212

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°39'48", Longitude 104°30'28" NAD27

Land-surface elevation 3,526 feet above NAVD88

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

#### Output formats

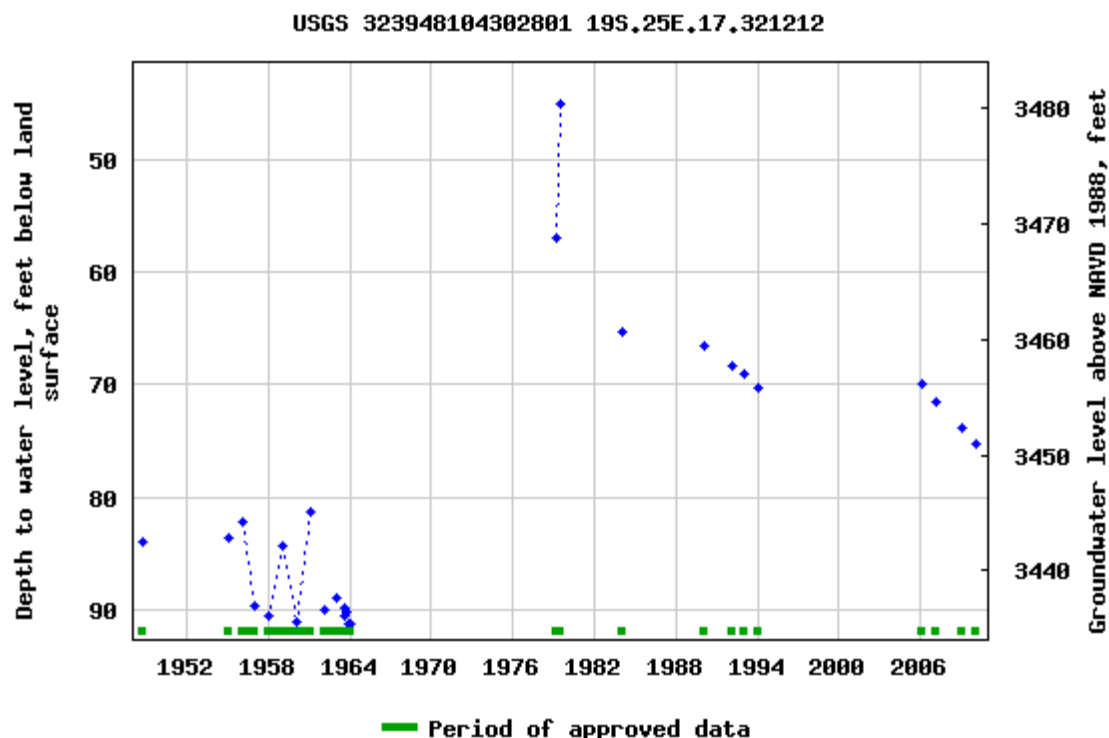
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0.74 0.65 nadww01





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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



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Groundwater levels for the Nation



Important: [Next Generation Monitoring Location Page](#)

### Search Results -- 1 sites found

site\_no list =

- 323948104302901

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

### USGS 323948104302901 19S.25E.17.321211

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°39'48", Longitude 104°30'29" NAD27

Land-surface elevation 3,528 feet above NAVD88

The depth of the well is 120 feet below land surface.

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) local aquifer.

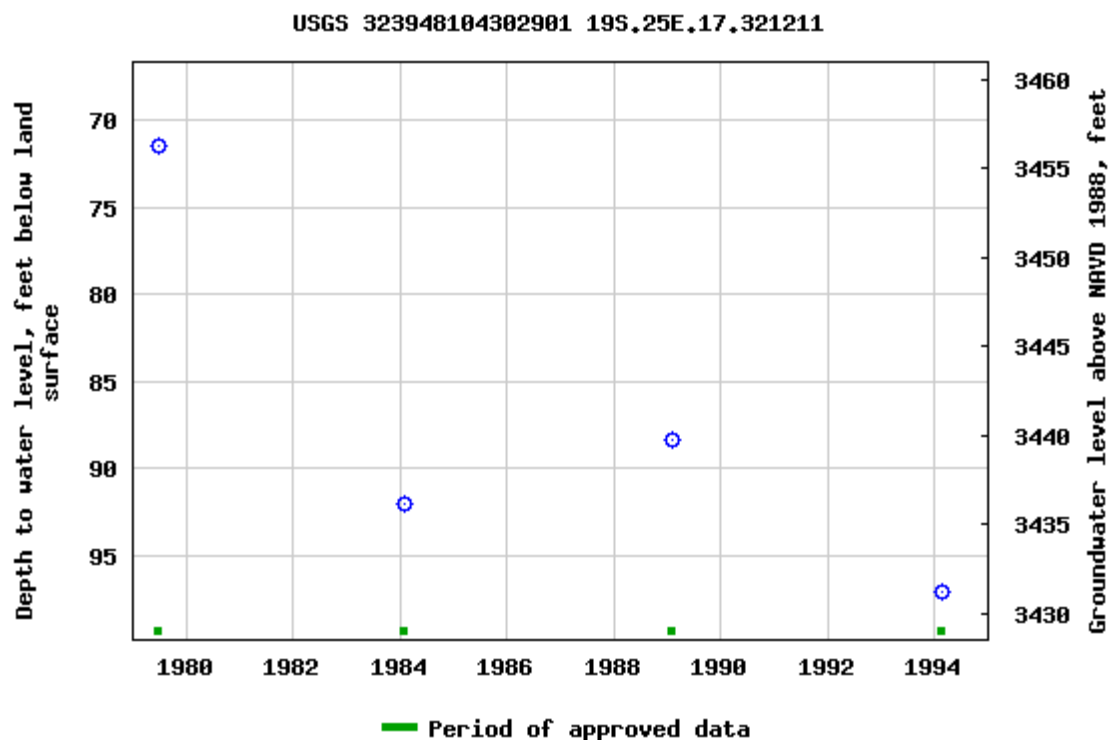
#### Output formats

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**Title: Groundwater for USA: Water Levels**

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0.76 0.62 nadww01



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## National Water Information System: Web Interface

USGS Water Resources

Data Category:

Groundwater



Geographic Area:

United States



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### Search Results -- 1 sites found

site\_no list =

- 324024104322201

Minimum number of levels = 1

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### USGS 324024104322201 19S.24E.12.413200

Available data for this site

Groundwater: Field measurements



GO

Eddy County, New Mexico

Hydrologic Unit Code 13060011

Latitude 32°40'24", Longitude 104°32'22" NAD27

Land-surface elevation 3,589 feet above NGVD29

This well is completed in the Roswell Basin aquifer system (S400RSWLBS) national aquifer.

This well is completed in the Artesia Group (313ARTS) local aquifer.

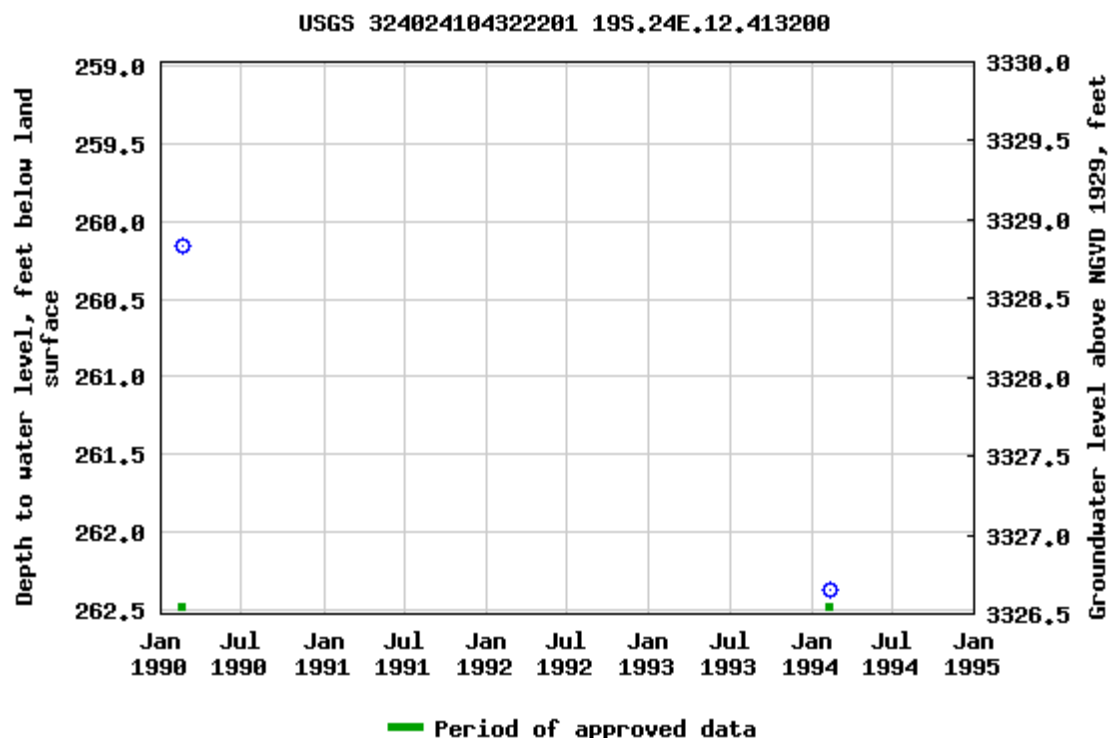
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**Title: Groundwater for USA: Water Levels**

**URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>**



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0.65 0.48 nadww01

## ATTACHMENT 2 – PHOTOGRAPHIC DOCUMENTATION



**PHOTOGRAPH NO. 1 – A view of the release location at the Site on November 11, 2022. The view is towards the northeast.**

*(Approximate GPS Coordinates: 32.662918, -104.528524)*



**PHOTOGRAPH NO. 2 – A general view of the impact/excavation area at the Site. The view is towards the north.**

*(Approximate GPS Coordinates: 32.662666, -104.528477)*





**PHOTOGRAPH NO. 3 – A view impact/excavation area in the vicinity of the release location on December 9, 2022. The view is towards the southeast.**

*(Approximate GPS Coordinates: 32.663031, -104.528538)*



**PHOTOGRAPH NO. 4 – A view of the over-excavation activities completed on December 22, 2022. The view is towards the west.**

*(Approximate GPS Coordinates: 32.662953, -104.528463)*



## ATTACHMENT 3 – LABORATORY ANALYTICAL REPORTS



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

December 07, 2022

Will Kierdorf  
EOG  
105 South Fourth Street  
Artesia, NM 88210  
TEL:  
FAX

RE: Lodewick Line

OrderNo.: 2211D11

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 44 sample(s) on 11/23/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman".

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-17

Project: Lodewick Line

Collection Date: 11/22/2022 12:02:00 PM

Lab ID: 2211D11-001

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 11/30/2022 3:10:46 AM | 71761               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 6:15:18 PM | 71724               |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/29/2022 6:15:18 PM | 71724               |
| Surr: DNOP                                       | 92.0   | 21-129   |      | %Rec  | 1  | 11/29/2022 6:15:18 PM | 71724               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 4:26:18 PM | 71716               |
| Surr: BFB  | 88.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 4:26:18 PM | 71716               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 4:26:18 PM | 71716               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:26:18 PM | 71716               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:26:18 PM | 71716               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 11/30/2022 4:26:18 PM | 71716               |
| Surr: 4-Bromofluorobenzene                       | 90.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 4:26:18 PM | 71716               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 1 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-18

Project: Lodewick Line

Collection Date: 11/22/2022 12:04:00 PM

Lab ID: 2211D11-002

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 3:47:59 AM | 71761               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 6:39:27 PM | 71724               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/29/2022 6:39:27 PM | 71724               |
| Surr: DNOP                                       | 80.6   | 21-129   |      | %Rec  | 1  | 11/29/2022 6:39:27 PM | 71724               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 4:49:52 PM | 71716               |
| Surr: BFB  | 88.2   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 4:49:52 PM | 71716               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 4:49:52 PM | 71716               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 4:49:52 PM | 71716               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 4:49:52 PM | 71716               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 4:49:52 PM | 71716               |
| Surr: 4-Bromofluorobenzene                       | 91.0   | 70-130   |      | %Rec  | 1  | 11/30/2022 4:49:52 PM | 71716               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 2 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-19

Project: Lodewick Line

Collection Date: 11/22/2022 12:06:00 PM

Lab ID: 2211D11-003

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:00:25 AM | 71761               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 7:03:43 PM | 71724               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/29/2022 7:03:43 PM | 71724               |
| Surr: DNOP                                       | 78.9   | 21-129   |      | %Rec  | 1  | 11/29/2022 7:03:43 PM | 71724               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 5:13:28 PM | 71716               |
| Surr: BFB  | 88.5   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 5:13:28 PM | 71716               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 5:13:28 PM | 71716               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 5:13:28 PM | 71716               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 5:13:28 PM | 71716               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 11/30/2022 5:13:28 PM | 71716               |
| Surr: 4-Bromofluorobenzene                       | 89.7   | 70-130   |      | %Rec  | 1  | 11/30/2022 5:13:28 PM | 71716               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 3 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-20

Project: Lodewick Line

Collection Date: 11/22/2022 12:08:00 PM

Lab ID: 2211D11-004

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:12:50 AM | 71761               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 7:27:44 PM | 71724               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/29/2022 7:27:44 PM | 71724               |
| Surr: DNOP                                       | 94.5   | 21-129   |      | %Rec  | 1  | 11/29/2022 7:27:44 PM | 71724               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6      |      | mg/Kg | 1  | 11/30/2022 6:23:55 PM | 71716               |
| Surr: BFB  | 89.9   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 6:23:55 PM | 71716               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 6:23:55 PM | 71716               |
| Toluene  | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 6:23:55 PM | 71716               |
| Ethylbenzene                                     | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 6:23:55 PM | 71716               |
| Xylenes, Total                                   | ND     | 0.092    |      | mg/Kg | 1  | 11/30/2022 6:23:55 PM | 71716               |
| Surr: 4-Bromofluorobenzene                       | 92.2   | 70-130   |      | %Rec  | 1  | 11/30/2022 6:23:55 PM | 71716               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 4 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-21

Project: Lodewick Line

Collection Date: 11/22/2022 12:10:00 PM

Lab ID: 2211D11-005

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 11:09:03 AM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 7:51:55 PM  | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/29/2022 7:51:55 PM  | 71724        |
| Surr: DNOP                                       | 92.2   | 21-129   |      | %Rec  | 1  | 11/29/2022 7:51:55 PM  | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| Surr: BFB  | 88.1   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 11/30/2022 6:47:34 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 89.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 6:47:34 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 5 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-22

Project: Lodewick Line

Collection Date: 11/22/2022 12:12:00 PM

Lab ID: 2211D11-006

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 11:21:27 AM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 8:15:57 PM  | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/29/2022 8:15:57 PM  | 71724        |
| Surr: DNOP                                       | 97.7   | 21-129   |      | %Rec  | 1  | 11/29/2022 8:15:57 PM  | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| Surr: BFB  | 88.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.095    |      | mg/Kg | 1  | 11/30/2022 7:11:07 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 90.6   | 70-130   |      | %Rec  | 1  | 11/30/2022 7:11:07 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 6 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-23

Project: Lodewick Line

Collection Date: 11/22/2022 12:14:00 PM

Lab ID: 2211D11-007

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 11/30/2022 11:58:40 AM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 8:40:13 PM  | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/29/2022 8:40:13 PM  | 71724        |
| Surr: DNOP                                       | 77.9   | 21-129   |      | %Rec  | 1  | 11/29/2022 8:40:13 PM  | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| Surr: BFB  | 87.9   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 11/30/2022 7:34:35 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 91.2   | 70-130   |      | %Rec  | 1  | 11/30/2022 7:34:35 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 7 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-24

Project: Lodewick Line

Collection Date: 11/22/2022 12:16:00 PM

Lab ID: 2211D11-008

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 1:02:51 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 9:04:20 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/29/2022 9:04:20 PM | 71724        |
| Surr: DNOP                                       | 67.5   | 21-129   |      | %Rec  | 1  | 11/29/2022 9:04:20 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 7:58:08 PM | 71716        |
| Surr: BFB  | 89.4   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 7:58:08 PM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 7:58:08 PM | 71716        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 7:58:08 PM | 71716        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 7:58:08 PM | 71716        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 7:58:08 PM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 91.7   | 70-130   |      | %Rec  | 1  | 11/30/2022 7:58:08 PM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 8 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-25

Project: Lodewick Line

Collection Date: 11/22/2022 12:18:00 PM

Lab ID: 2211D11-009

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 1:40:04 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 9:28:30 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/29/2022 9:28:30 PM | 71724        |
| Surr: DNOP                                       | 76.2   | 21-129   |      | %Rec  | 1  | 11/29/2022 9:28:30 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.6      |      | mg/Kg | 1  | 11/30/2022 8:21:44 PM | 71716        |
| Surr: BFB  | 90.3   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 8:21:44 PM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: NSB |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 8:21:44 PM | 71716        |
| Toluene  | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 8:21:44 PM | 71716        |
| Ethylbenzene                                     | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 8:21:44 PM | 71716        |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 11/30/2022 8:21:44 PM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 92.2   | 70-130   |      | %Rec  | 1  | 11/30/2022 8:21:44 PM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 9 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-26

Project: Lodewick Line

Collection Date: 11/22/2022 12:20:00 PM

Lab ID: 2211D11-010

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 1:52:28 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 9:52:32 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/29/2022 9:52:32 PM | 71724        |
| Surr: DNOP                                       | 81.5   | 21-129   |      | %Rec  | 1  | 11/29/2022 9:52:32 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 8:45:14 PM | 71716        |
| Surr: BFB  | 88.5   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 8:45:14 PM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 8:45:14 PM | 71716        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 8:45:14 PM | 71716        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 8:45:14 PM | 71716        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 8:45:14 PM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 90.4   | 70-130   |      | %Rec  | 1  | 11/30/2022 8:45:14 PM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 10 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-27

Project: Lodewick Line

Collection Date: 11/22/2022 12:22:00 PM

Lab ID: 2211D11-011

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 2:04:53 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 10:16:37 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/29/2022 10:16:37 PM | 71724        |
| Surr: DNOP                                       | 71.9   | 21-129   |      | %Rec  | 1  | 11/29/2022 10:16:37 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| Surr: BFB  | 89.4   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 11/30/2022 9:08:47 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 90.6   | 70-130   |      | %Rec  | 1  | 11/30/2022 9:08:47 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 11 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-28

Project: Lodewick Line

Collection Date: 11/22/2022 12:24:00 PM

Lab ID: 2211D11-012

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 2:17:18 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 10:40:30 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 46       |      | mg/Kg | 1  | 11/29/2022 10:40:30 PM | 71724        |
| Surr: DNOP                                       | 73.4   | 21-129   |      | %Rec  | 1  | 11/29/2022 10:40:30 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| Surr: BFB  | 90.6   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 11/30/2022 9:32:16 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 92.9   | 70-130   |      | %Rec  | 1  | 11/30/2022 9:32:16 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 12 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-29

Project: Lodewick Line

Collection Date: 11/22/2022 12:26:00 PM

Lab ID: 2211D11-013

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 2:29:42 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/29/2022 11:04:35 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/29/2022 11:04:35 PM | 71724        |
| Surr: DNOP                                       | 63.9   | 21-129   |      | %Rec  | 1  | 11/29/2022 11:04:35 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| Surr: BFB  | 87.6   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 11/30/2022 9:55:46 PM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 89.0   | 70-130   |      | %Rec  | 1  | 11/30/2022 9:55:46 PM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 13 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-30

Project: Lodewick Line

Collection Date: 11/22/2022 12:28:00 PM

Lab ID: 2211D11-014

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 11/30/2022 2:42:06 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 11:28:35 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/29/2022 11:28:35 PM | 71724        |
| Surr: DNOP                                       | 81.4   | 21-129   |      | %Rec  | 1  | 11/29/2022 11:28:35 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| Surr: BFB  | 91.7   | 37.7-212 |      | %Rec  | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/1/2022 10:10:24 AM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 93.4   | 70-130   |      | %Rec  | 1  | 12/1/2022 10:10:24 AM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 14 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-31

Project: Lodewick Line

Collection Date: 11/22/2022 12:30:00 PM

Lab ID: 2211D11-015

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 2:54:30 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/29/2022 11:52:33 PM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 11/29/2022 11:52:33 PM | 71724        |
| Surr: DNOP                                       | 82.8   | 21-129   |      | %Rec  | 1  | 11/29/2022 11:52:33 PM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 11:29:36 PM | 71716        |
| Surr: BFB  | 88.1   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:29:36 PM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 11:29:36 PM | 71716        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:29:36 PM | 71716        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:29:36 PM | 71716        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 11:29:36 PM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 90.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:29:36 PM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 15 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-32

Project: Lodewick Line

Collection Date: 11/22/2022 12:32:00 PM

Lab ID: 2211D11-016

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 3:06:55 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 12:16:38 AM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/30/2022 12:16:38 AM | 71724        |
| Surr: DNOP                                       | 73.4   | 21-129   |      | %Rec  | 1  | 11/30/2022 12:16:38 AM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 11:52:59 PM | 71716        |
| Surr: BFB  | 88.2   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:52:59 PM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 11:52:59 PM | 71716        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:52:59 PM | 71716        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:52:59 PM | 71716        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 11:52:59 PM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 90.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:52:59 PM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 16 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-33

Project: Lodewick Line

Collection Date: 11/22/2022 12:34:00 PM

Lab ID: 2211D11-017

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 11/30/2022 5:25:59 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 12:40:34 AM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/30/2022 12:40:34 AM | 71724        |
| Surr: DNOP                                       | 70.1   | 21-129   |      | %Rec  | 1  | 11/30/2022 12:40:34 AM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| Surr: BFB  | 87.1   | 37.7-212 |      | %Rec  | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: NSB |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/1/2022 12:16:24 AM  | 71716        |
| Surr: 4-Bromofluorobenzene                       | 89.7   | 70-130   |      | %Rec  | 1  | 12/1/2022 12:16:24 AM  | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 17 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-34

Project: Lodewick Line

Collection Date: 11/22/2022 12:36:00 PM

Lab ID: 2211D11-018

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 3:34:13 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/30/2022 1:04:25 AM | 71724        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/30/2022 1:04:25 AM | 71724        |
| Surr: DNOP                                       | 63.4   | 21-129   |      | %Rec  | 1  | 11/30/2022 1:04:25 AM | 71724        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: NSB |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/1/2022 12:39:46 AM | 71716        |
| Surr: BFB  | 86.2   | 37.7-212 |      | %Rec  | 1  | 12/1/2022 12:39:46 AM | 71716        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: NSB |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/1/2022 12:39:46 AM | 71716        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/1/2022 12:39:46 AM | 71716        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/1/2022 12:39:46 AM | 71716        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/1/2022 12:39:46 AM | 71716        |
| Surr: 4-Bromofluorobenzene                       | 89.6   | 70-130   |      | %Rec  | 1  | 12/1/2022 12:39:46 AM | 71716        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 18 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-35

Project: Lodewick Line

Collection Date: 11/22/2022 12:38:00 PM

Lab ID: 2211D11-019

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:11:33 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 13       |      | mg/Kg | 1  | 11/30/2022 6:24:11 PM  | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 44       |      | mg/Kg | 1  | 11/30/2022 6:24:11 PM  | 71742        |
| Surr: DNOP                                       | 68.8   | 21-129   |      | %Rec  | 1  | 11/30/2022 6:24:11 PM  | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 11/30/2022 11:12:00 AM | 71720        |
| Surr: BFB  | 98.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:12:00 AM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 11:12:00 AM | 71720        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 11:12:00 AM | 71720        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 11:12:00 AM | 71720        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 11/30/2022 11:12:00 AM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 97.6   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:12:00 AM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-36

Project: Lodewick Line

Collection Date: 11/22/2022 12:40:00 PM

Lab ID: 2211D11-020

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:23:57 PM  | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 7:03:24 PM  | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/30/2022 7:03:24 PM  | 71742        |
| Surr: DNOP                                       | 58.4   | 21-129   |      | %Rec  | 1  | 11/30/2022 7:03:24 PM  | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 11/30/2022 12:11:00 PM | 71720        |
| Surr: BFB  | 98.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 12:11:00 PM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 12:11:00 PM | 71720        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 12:11:00 PM | 71720        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 12:11:00 PM | 71720        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 11/30/2022 12:11:00 PM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 98.6   | 70-130   |      | %Rec  | 1  | 11/30/2022 12:11:00 PM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 20 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-37

Project: Lodewick Line

Collection Date: 11/22/2022 12:42:00 PM

Lab ID: 2211D11-021

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 11/30/2022 4:36:21 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 13       |      | mg/Kg | 1  | 11/30/2022 7:16:24 PM | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 45       |      | mg/Kg | 1  | 11/30/2022 7:16:24 PM | 71742        |
| Surr: DNOP                                       | 60.0   | 21-129   |      | %Rec  | 1  | 11/30/2022 7:16:24 PM | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 1:10:00 PM | 71720        |
| Surr: BFB  | 97.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 1:10:00 PM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 1:10:00 PM | 71720        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 1:10:00 PM | 71720        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 1:10:00 PM | 71720        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 1:10:00 PM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 93.7   | 70-130   |      | %Rec  | 1  | 11/30/2022 1:10:00 PM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 21 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-38

Project: Lodewick Line

Collection Date: 11/22/2022 12:44:00 PM

Lab ID: 2211D11-022

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:48:45 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 7:29:18 PM | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 7:29:18 PM | 71742        |
| Surr: DNOP                                       | 75.2   | 21-129   |      | %Rec  | 1  | 11/30/2022 7:29:18 PM | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 1:30:00 PM | 71720        |
| Surr: BFB  | 92.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 1:30:00 PM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 1:30:00 PM | 71720        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 1:30:00 PM | 71720        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 1:30:00 PM | 71720        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 11/30/2022 1:30:00 PM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 91.8   | 70-130   |      | %Rec  | 1  | 11/30/2022 1:30:00 PM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 22 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-39

Project: Lodewick Line

Collection Date: 11/22/2022 12:46:00 PM

Lab ID: 2211D11-023

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 5:01:10 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 7:42:13 PM | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 7:42:13 PM | 71742        |
| Surr: DNOP                                       | 58.9   | 21-129   |      | %Rec  | 1  | 11/30/2022 7:42:13 PM | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 1:50:00 PM | 71720        |
| Surr: BFB  | 89.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 1:50:00 PM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 1:50:00 PM | 71720        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 1:50:00 PM | 71720        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 1:50:00 PM | 71720        |
| Xylenes, Total                                   | ND     | 0.095    |      | mg/Kg | 1  | 11/30/2022 1:50:00 PM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 93.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 1:50:00 PM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 23 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-40

Project: Lodewick Line

Collection Date: 11/22/2022 12:48:00 PM

Lab ID: 2211D11-024

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JMT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 5:13:35 PM | 71766        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 7:55:07 PM | 71742        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 7:55:07 PM | 71742        |
| Surr: DNOP                                       | 52.1   | 21-129   |      | %Rec  | 1  | 11/30/2022 7:55:07 PM | 71742        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 2:09:00 PM | 71720        |
| Surr: BFB  | 96.1   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 2:09:00 PM | 71720        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 2:09:00 PM | 71720        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 2:09:00 PM | 71720        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 2:09:00 PM | 71720        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 2:09:00 PM | 71720        |
| Surr: 4-Bromofluorobenzene                       | 93.8   | 70-130   |      | %Rec  | 1  | 11/30/2022 2:09:00 PM | 71720        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-41

Project: Lodewick Line

Collection Date: 11/22/2022 12:50:00 PM

Lab ID: 2211D11-025

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 3:49:42 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 8:20:59 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 8:20:59 PM | 71742               |
| Surr: DNOP                                       | 49.3   | 21-129   |      | %Rec  | 1  | 11/30/2022 8:20:59 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 2:29:00 PM | 71720               |
| Surr: BFB  | 99.9   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 2:29:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 2:29:00 PM | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 2:29:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 2:29:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 11/30/2022 2:29:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 93.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 2:29:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 4B-1

Project: Lodewick Line

Collection Date: 11/21/2022 1:00:00 PM

Lab ID: 2211D11-026

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:26:56 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 8:34:27 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/30/2022 8:34:27 PM | 71742               |
| Surr: DNOP                                       | 69.6   | 21-129   |      | %Rec  | 1  | 11/30/2022 8:34:27 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 2:49:00 PM | 71720               |
| Surr: BFB  | 96.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 2:49:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 2:49:00 PM | 71720               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 2:49:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 2:49:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 11/30/2022 2:49:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 94.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 2:49:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 26 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1

Project: Lodewick Line

Collection Date: 11/21/2022 1:02:00 PM

Lab ID: 2211D11-027

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:39:21 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/30/2022 8:48:07 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 11/30/2022 8:48:07 PM | 71742               |
| Surr: DNOP                                       | 80.2   | 21-129   |      | %Rec  | 1  | 11/30/2022 8:48:07 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6      |      | mg/Kg | 1  | 11/30/2022 3:08:00 PM | 71720               |
| Surr: BFB  | 93.6   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 3:08:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 3:08:00 PM | 71720               |
| Toluene  | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 3:08:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 3:08:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.092    |      | mg/Kg | 1  | 11/30/2022 3:08:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 94.8   | 70-130   |      | %Rec  | 1  | 11/30/2022 3:08:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-2

Project: Lodewick Line

Collection Date: 11/21/2022 1:04:00 PM

Lab ID: 2211D11-028

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 4:51:46 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 9:01:51 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 9:01:51 PM | 71742               |
| Surr: DNOP                                       | 88.8   | 21-129   |      | %Rec  | 1  | 11/30/2022 9:01:51 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 3:28:00 PM | 71720               |
| Surr: BFB  | 94.0   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 3:28:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 3:28:00 PM | 71720               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 3:28:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 3:28:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 11/30/2022 3:28:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 96.6   | 70-130   |      | %Rec  | 1  | 11/30/2022 3:28:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 28 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-1

Project: Lodewick Line

Collection Date: 11/21/2022 1:08:00 PM

Lab ID: 2211D11-029

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 5:04:10 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 150    | 15       |      | mg/Kg | 1  | 11/30/2022 9:15:34 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | 75     | 49       |      | mg/Kg | 1  | 11/30/2022 9:15:34 PM | 71742               |
| Surr: DNOP                                       | 91.1   | 21-129   |      | %Rec  | 1  | 11/30/2022 9:15:34 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 4:27:00 PM | 71720               |
| Surr: BFB  | 90.0   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 4:27:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 4:27:00 PM | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:27:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:27:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 11/30/2022 4:27:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 88.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 4:27:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Lodewick Line

Collection Date: 11/21/2022 1:10:00 PM

Lab ID: 2211D11-030

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 5:41:24 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 310    | 15       |      | mg/Kg | 1  | 12/1/2022 2:50:28 PM  | 71742               |
| Motor Oil Range Organics (MRO)                   | 140    | 48       |      | mg/Kg | 1  | 12/1/2022 2:50:28 PM  | 71742               |
| Surr: DNOP                                       | 123    | 21-129   |      | %Rec  | 1  | 12/1/2022 2:50:28 PM  | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 4:47:00 PM | 71720               |
| Surr: BFB  | 99.0   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 4:47:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 4:47:00 PM | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:47:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 4:47:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 11/30/2022 4:47:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 91.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 4:47:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 30 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Lodewick Line

Collection Date: 11/21/2022 1:12:00 PM

Lab ID: 2211D11-031

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | 61     | 60       |      | mg/Kg | 20 | 11/30/2022 5:53:49 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 210    | 15       |      | mg/Kg | 1  | 11/30/2022 9:42:44 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | 170    | 48       |      | mg/Kg | 1  | 11/30/2022 9:42:44 PM | 71742               |
| Surr: DNOP                                       | 101    | 21-129   |      | %Rec  | 1  | 11/30/2022 9:42:44 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 5:06:00 PM | 71720               |
| Surr: BFB  | 90.9   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 5:06:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 5:06:00 PM | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 5:06:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 5:06:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 11/30/2022 5:06:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 91.8   | 70-130   |      | %Rec  | 1  | 11/30/2022 5:06:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 31 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Lodewick Line

Collection Date: 11/21/2022 1:14:00 PM

Lab ID: 2211D11-032

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 11/30/2022 6:31:04 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 140    | 15       |      | mg/Kg | 1  | 11/30/2022 10:09:49 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | 100    | 49       |      | mg/Kg | 1  | 11/30/2022 10:09:49 PM | 71742               |
| Surr: DNOP                                       | 88.3   | 21-129   |      | %Rec  | 1  | 11/30/2022 10:09:49 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| Surr: BFB  | 91.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 11/30/2022 5:26:00 PM  | 71720               |
| Surr: 4-Bromofluorobenzene                       | 91.9   | 70-130   |      | %Rec  | 1  | 11/30/2022 5:26:00 PM  | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 32 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-5

Project: Lodewick Line

Collection Date: 11/21/2022 1:16:00 PM

Lab ID: 2211D11-033

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | 70     | 60       |      | mg/Kg | 20 | 11/30/2022 6:43:29 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 380    | 15       |      | mg/Kg | 1  | 11/30/2022 10:50:18 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | 230    | 50       |      | mg/Kg | 1  | 11/30/2022 10:50:18 PM | 71742               |
| Surr: DNOP                                       | 98.9   | 21-129   |      | %Rec  | 1  | 11/30/2022 10:50:18 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6      |      | mg/Kg | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| Surr: BFB  | 89.3   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| Toluene  | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| Ethylbenzene                                     | ND     | 0.046    |      | mg/Kg | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| Xylenes, Total                                   | ND     | 0.092    |      | mg/Kg | 1  | 11/30/2022 5:46:00 PM  | 71720               |
| Surr: 4-Bromofluorobenzene                       | 90.0   | 70-130   |      | %Rec  | 1  | 11/30/2022 5:46:00 PM  | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 33 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-6

Project: Lodewick Line

Collection Date: 11/21/2022 1:18:00 PM

Lab ID: 2211D11-034

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | 81     | 60       |      | mg/Kg | 20 | 11/30/2022 6:55:54 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | 330    | 14       |      | mg/Kg | 1  | 11/30/2022 11:43:52 PM | 71742               |
| Motor Oil Range Organics (MRO)                   | 200    | 47       |      | mg/Kg | 1  | 11/30/2022 11:43:52 PM | 71742               |
| Surr: DNOP                                       | 84.5   | 21-129   |      | %Rec  | 1  | 11/30/2022 11:43:52 PM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| Surr: BFB  | 91.1   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 11/30/2022 6:06:00 PM  | 71720               |
| Surr: 4-Bromofluorobenzene                       | 90.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 6:06:00 PM  | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 34 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-7

Project: Lodewick Line

Collection Date: 11/21/2022 1:20:00 PM

Lab ID: 2211D11-035

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 7:08:19 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/1/2022 12:24:11 AM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 12/1/2022 12:24:11 AM | 71742               |
| Surr: DNOP                                       | 126    | 21-129   |      | %Rec  | 1  | 12/1/2022 12:24:11 AM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 6:25:00 PM | 71720               |
| Surr: BFB  | 91.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 6:25:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 6:25:00 PM | 71720               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 6:25:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 6:25:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 6:25:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 94.5   | 70-130   |      | %Rec  | 1  | 11/30/2022 6:25:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 35 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-8

Project: Lodewick Line

Collection Date: 11/21/2022 1:22:00 PM

Lab ID: 2211D11-036

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 7:20:44 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/1/2022 12:37:36 AM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/1/2022 12:37:36 AM | 71742               |
| Surr: DNOP                                       | 94.9   | 21-129   |      | %Rec  | 1  | 12/1/2022 12:37:36 AM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 6:45:00 PM | 71720               |
| Surr: BFB  | 97.3   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 6:45:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 6:45:00 PM | 71720               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 6:45:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 6:45:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 11/30/2022 6:45:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 93.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 6:45:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 36 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-9

Project: Lodewick Line

Collection Date: 11/21/2022 1:24:00 PM

Lab ID: 2211D11-037

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 7:33:09 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/1/2022 12:51:05 AM | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/1/2022 12:51:05 AM | 71742               |
| Surr: DNOP                                       | 110    | 21-129   |      | %Rec  | 1  | 12/1/2022 12:51:05 AM | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 11/30/2022 7:05:00 PM | 71720               |
| Surr: BFB  | 90.5   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 7:05:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 7:05:00 PM | 71720               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 7:05:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 11/30/2022 7:05:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.095    |      | mg/Kg | 1  | 11/30/2022 7:05:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 91.3   | 70-130   |      | %Rec  | 1  | 11/30/2022 7:05:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 37 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10

Project: Lodewick Line

Collection Date: 11/21/2022 1:26:00 PM

Lab ID: 2211D11-038

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 8:10:24 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/1/2022 1:04:14 AM  | 71742               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 12/1/2022 1:04:14 AM  | 71742               |
| Surr: DNOP                                       | 76.6   | 21-129   |      | %Rec  | 1  | 12/1/2022 1:04:14 AM  | 71742               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 9:03:00 PM | 71720               |
| Surr: BFB  | 94.4   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 9:03:00 PM | 71720               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 9:03:00 PM | 71720               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 9:03:00 PM | 71720               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 9:03:00 PM | 71720               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 9:03:00 PM | 71720               |
| Surr: 4-Bromofluorobenzene                       | 92.7   | 70-130   |      | %Rec  | 1  | 11/30/2022 9:03:00 PM | 71720               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 38 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-11

Project: Lodewick Line

Collection Date: 11/21/2022 1:28:00 PM

Lab ID: 2211D11-039

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 8:22:48 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 12:32:49 PM | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/30/2022 12:32:49 PM | 71758               |
| Surr: DNOP                                       | 80.8   | 21-129   |      | %Rec  | 1  | 11/30/2022 12:32:49 PM | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| Surr: BFB  | 91.7   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 11/30/2022 9:22:00 PM  | 71743               |
| Surr: 4-Bromofluorobenzene                       | 92.1   | 70-130   |      | %Rec  | 1  | 11/30/2022 9:22:00 PM  | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 39 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-12

Project: Lodewick Line

Collection Date: 11/21/2022 1:30:00 PM

Lab ID: 2211D11-040

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 8:35:13 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/30/2022 1:13:29 PM  | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 11/30/2022 1:13:29 PM  | 71758               |
| Surr: DNOP                                       | 68.6   | 21-129   |      | %Rec  | 1  | 11/30/2022 1:13:29 PM  | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 10:21:00 PM | 71743               |
| Surr: BFB  | 93.0   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 10:21:00 PM | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 10:21:00 PM | 71743               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 10:21:00 PM | 71743               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 10:21:00 PM | 71743               |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 11/30/2022 10:21:00 PM | 71743               |
| Surr: 4-Bromofluorobenzene                       | 91.0   | 70-130   |      | %Rec  | 1  | 11/30/2022 10:21:00 PM | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 40 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-13

Project: Lodewick Line

Collection Date: 11/21/2022 1:32:00 PM

Lab ID: 2211D11-041

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 8:47:37 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 1:27:01 PM  | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 11/30/2022 1:27:01 PM  | 71758               |
| Surr: DNOP                                       | 74.8   | 21-129   |      | %Rec  | 1  | 11/30/2022 1:27:01 PM  | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 11:20:00 PM | 71743               |
| Surr: BFB  | 96.8   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:20:00 PM | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 11:20:00 PM | 71743               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:20:00 PM | 71743               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:20:00 PM | 71743               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 11:20:00 PM | 71743               |
| Surr: 4-Bromofluorobenzene                       | 93.7   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:20:00 PM | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 41 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-14

Project: Lodewick Line

Collection Date: 11/21/2022 1:34:00 PM

Lab ID: 2211D11-042

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 9:00:02 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 1:40:40 PM  | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 1:40:40 PM  | 71758               |
| Surr: DNOP                                       | 77.5   | 21-129   |      | %Rec  | 1  | 11/30/2022 1:40:40 PM  | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 11/30/2022 11:40:00 PM | 71743               |
| Surr: BFB  | 90.6   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:40:00 PM | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 11:40:00 PM | 71743               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 11:40:00 PM | 71743               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 11/30/2022 11:40:00 PM | 71743               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 11/30/2022 11:40:00 PM | 71743               |
| Surr: 4-Bromofluorobenzene                       | 90.0   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:40:00 PM | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 42 of 51

## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-15

Project: Lodewick Line

Collection Date: 11/21/2022 1:36:00 PM

Lab ID: 2211D11-043

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 9:12:26 PM  | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 11/30/2022 1:54:09 PM  | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 11/30/2022 1:54:09 PM  | 71758               |
| Surr: DNOP                                       | 73.8   | 21-129   |      | %Rec  | 1  | 11/30/2022 1:54:09 PM  | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 11/30/2022 11:59:00 PM | 71743               |
| Surr: BFB  | 92.9   | 37.7-212 |      | %Rec  | 1  | 11/30/2022 11:59:00 PM | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 11/30/2022 11:59:00 PM | 71743               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:59:00 PM | 71743               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 11/30/2022 11:59:00 PM | 71743               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 11/30/2022 11:59:00 PM | 71743               |
| Surr: 4-Bromofluorobenzene                       | 91.5   | 70-130   |      | %Rec  | 1  | 11/30/2022 11:59:00 PM | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 43 of 51



## Analytical Report

Lab Order 2211D11

Date Reported: 12/7/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-16

Project: Lodewick Line

Collection Date: 11/21/2022 1:38:00 PM

Lab ID: 2211D11-044

Matrix: SOIL

Received Date: 11/23/2022 7:30:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 11/30/2022 9:24:50 PM | 71776               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 11/30/2022 2:07:44 PM | 71758               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 11/30/2022 2:07:44 PM | 71758               |
| Surr: DNOP                                       | 72.3   | 21-129   |      | %Rec  | 1  | 11/30/2022 2:07:44 PM | 71758               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/1/2022 12:19:00 AM | 71743               |
| Surr: BFB  | 87.4   | 37.7-212 |      | %Rec  | 1  | 12/1/2022 12:19:00 AM | 71743               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/1/2022 12:19:00 AM | 71743               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 12:19:00 AM | 71743               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/1/2022 12:19:00 AM | 71743               |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/1/2022 12:19:00 AM | 71743               |
| Surr: 4-Bromofluorobenzene                       | 89.8   | 70-130   |      | %Rec  | 1  | 12/1/2022 12:19:00 AM | 71743               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 44 of 51

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2211D11

07-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>MB-71761</b>   | SampType: <b>mblk</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71761</b>           | RunNo: <b>92907</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/29/2022</b> | SeqNo: <b>3345346</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-71761</b>  | SampType: <b>lcs</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71761</b>           | RunNo: <b>92907</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/29/2022</b> | SeqNo: <b>3345347</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 14                               | 1.5                                       | 15.00     | 0           | 91.5 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-71766</b>   | SampType: <b>mblk</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71766</b>           | RunNo: <b>92931</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/30/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346123</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-71766</b>  | SampType: <b>lcs</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71766</b>           | RunNo: <b>92931</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/30/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346124</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 14                               | 1.5                                       | 15.00     | 0           | 92.8 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-71776</b>   | SampType: <b>mblk</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71776</b>           | RunNo: <b>92936</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/30/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346236</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-71776</b>  | SampType: <b>lcs</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71776</b>           | RunNo: <b>92936</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/30/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346238</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 14                               | 1.5                                       | 15.00     | 0           | 91.9 | 90       | 110       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2211D11

07-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>LCS-71724</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71724</b>           | RunNo: <b>92879</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b> | Analysis Date: <b>11/29/2022</b> | SeqNo: <b>3344752</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 41                               | 15   | 50.00     | 0           | 82.7 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.1                              |  | 5.000     |             | 81.0 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-71724</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>71724</b>           | RunNo: <b>92879</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b>   | Analysis Date: <b>11/29/2022</b> | SeqNo: <b>3344754</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.2                              |  | 10.00     |             | 92.5 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-71758</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>71758</b>           | RunNo: <b>92930</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b>   | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346061</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.1                              |  | 10.00     |             | 91.4 | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-71758</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71758</b>           | RunNo: <b>92930</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346062</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 46                               | 15   | 50.00     | 0           | 92.7 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.2                              |  | 5.000     |             | 84.6 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-71742</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>71742</b>           | RunNo: <b>92930</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b>   | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346087</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.4                              |  | 10.00     |             | 93.9 | 21       | 129       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 46 of 51

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2211D11

07-Dec-22

Client: EOG

Project: Lodewick Line

|                              |  |                                  |     |           |  |      |                     |           |      |          |      |
|------------------------------|--|----------------------------------|-----|-----------|--|------|---------------------|-----------|------|----------|------|
| Sample ID: <b>LCS-71742</b>  |  | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |      |                     |           |      |          |      |
| Client ID: <b>LCSS</b>       |  | Batch ID: <b>71742</b>           |     |           | RunNo: <b>92930</b>  |      |                     |           |      |          |      |
| Prep Date: <b>11/29/2022</b> |  | Analysis Date: <b>11/30/2022</b> |     |           | SeqNo: <b>3346088</b>                                      |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                      |  | Result                           | PQL | SPK value | SPK Ref Val  | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  |  | 52                               | 15  | 50.00     | 0  | 103  | 64.4                | 127       |      |          |      |
| Surr: DNOP                   |  | 4.2                              |     | 5.000     |  | 83.4 | 21                  | 129       |      |          |      |

Qualifiers:

\* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 47 of 51

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2211D11

07-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb-71716</b>    | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>71716</b>           | RunNo: <b>92922</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b>  | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3345650</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0   |           |             |      |          |           |      |          |      |
| Surr: BFB                     | 920                              |   | 1000      |             | 92.0 | 37.7     | 212       |      |          |      |

| Sample ID: <b>lcs-71716</b>   | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>71716</b>           | RunNo: <b>92922</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b>  | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3345651</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23                               | 5.0   | 25.00     | 0           | 90.6 | 72.3     | 137       |      |          |      |
| Surr: BFB                     | 1900                             |   | 1000      |             | 185  | 37.7     | 212       |      |          |      |

| Sample ID: <b>lcs-71720</b>   | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>71720</b>           | RunNo: <b>92937</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b>  | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346272</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22                               | 5.0   | 25.00     | 0           | 86.3 | 72.3     | 137       |      |          |      |
| Surr: BFB                     | 2000                             |   | 1000      |             | 200  | 37.7     | 212       |      |          |      |

| Sample ID: <b>mb-71720</b>    | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>71720</b>           | RunNo: <b>92937</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b>  | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346273</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0   |           |             |      |          |           |      |          |      |
| Surr: BFB                     | 920                              |   | 1000      |             | 92.4 | 37.7     | 212       |      |          |      |

| Sample ID: <b>lcs-71743</b>   | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>71743</b>           | RunNo: <b>92937</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b>  | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346296</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21                               | 5.0   | 25.00     | 0           | 84.4 | 72.3     | 137       |      |          |      |
| Surr: BFB                     | 2100                             |   | 1000      |             | 206  | 37.7     | 212       |      |          |      |

| Sample ID: <b>mb-71743</b>   | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71743</b>           | RunNo: <b>92937</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346297</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 48 of 51

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2211D11

07-Dec-22

Client: EOG  
Project: Lodewick Line

|                               |                           |  |           |              |      |          |           |      |          |      |
|-------------------------------|---------------------------|--|-----------|--------------|------|----------|-----------|------|----------|------|
| Sample ID: mb-71743           | SampType: MBLK            | TestCode: EPA Method 8015D: Gasoline Range |           |              |      |          |           |      |          |      |
| Client ID: PBS                | Batch ID: 71743           | RunNo: 92937                               |           |              |      |          |           |      |          |      |
| Prep Date: 11/29/2022         | Analysis Date: 11/30/2022 | SeqNo: 3346297                             |           | Units: mg/Kg |      |          |           |      |          |      |
| Analyte                       | Result                    | PQL  | SPK value | SPK Ref Val  | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                        | 5.0  |           |              |      |          |           |      |          |      |
| Surr: BFB                     | 880                       |  | 1000      |              | 87.8 | 37.7     | 212       |      |          |      |

Qualifiers:

- \*

Value exceeds Maximum Contaminant Level.
- D

Sample Diluted Due to Matrix
- H

Holding times for preparation or analysis exceeded
- ND

Not Detected at the Reporting Limit
- PQL

Practical Quantitative Limit
- S

% Recovery outside of standard limits. If undiluted results may be estimated.
- B

Analyte detected in the associated Method Blank
- E

Above Quantitation Range/Estimated Value
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2211D11

07-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb-71716</b>   | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71716</b>           | RunNo: <b>92922</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3345693</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025  |           |             |      |          |           |      |          |      |
| Toluene                      | ND                               | 0.050  |           |             |      |          |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050  |           |             |      |          |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10   |           |             |      |          |           |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.94                             |  | 1.000     |             | 93.5 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-71716</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71716</b>           | RunNo: <b>92922</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3345694</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.91                             | 0.025  | 1.000     | 0           | 91.0 | 80       | 120       |      |          |      |
| Toluene                      | 0.93                             | 0.050  | 1.000     | 0           | 93.1 | 80       | 120       |      |          |      |
| Ethylbenzene                 | 0.93                             | 0.050  | 1.000     | 0           | 93.4 | 80       | 120       |      |          |      |
| Xylenes, Total               | 2.8                              | 0.10   | 3.000     | 0           | 94.1 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.94                             |  | 1.000     |             | 93.7 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-71720</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71720</b>           | RunNo: <b>92937</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346326</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.96                             | 0.025  | 1.000     | 0           | 96.2 | 80       | 120       |      |          |      |
| Toluene                      | 0.96                             | 0.050  | 1.000     | 0           | 96.4 | 80       | 120       |      |          |      |
| Ethylbenzene                 | 0.95                             | 0.050  | 1.000     | 0           | 95.4 | 80       | 120       |      |          |      |
| Xylenes, Total               | 2.8                              | 0.10   | 3.000     | 0           | 94.4 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.96                             |  | 1.000     |             | 96.4 | 70       | 130       |      |          |      |

| Sample ID: <b>mb-71720</b>   | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71720</b>           | RunNo: <b>92937</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>11/28/2022</b> | Analysis Date: <b>11/30/2022</b> | SeqNo: <b>3346327</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025  |           |             |      |          |           |      |          |      |
| Toluene                      | ND                               | 0.050  |           |             |      |          |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050  |           |             |      |          |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10   |           |             |      |          |           |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.93                             |  | 1.000     |             | 92.6 | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2211D11

07-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>lcs-71743</b>  | SampType: <b>LCS</b>             |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>71743</b>           |       | RunNo: <b>92937</b>                          |             |                     |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/30/2022</b> |       | SeqNo: <b>3346350</b>                        |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.95                             | 0.025 | 1.000  | 0           | 95.0                | 80       | 120       |      |          |      |
| Toluene                      | 0.95                             | 0.050 | 1.000  | 0           | 95.4                | 80       | 120       |      |          |      |
| Ethylbenzene                 | 0.94                             | 0.050 | 1.000  | 0           | 94.0                | 80       | 120       |      |          |      |
| Xylenes, Total               | 2.8                              | 0.10  | 3.000  | 0           | 93.4                | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.95                             |       | 1.000  |             | 94.6                | 70       | 130       |      |          |      |

| Sample ID: <b>mb-71743</b>   | SampType: <b>MBLK</b>            |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>71743</b>           |       | RunNo: <b>92937</b>                          |             |                     |          |           |      |          |      |
| Prep Date: <b>11/29/2022</b> | Analysis Date: <b>11/30/2022</b> |       | SeqNo: <b>3346351</b>                        |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025 |  |             |                     |          |           |      |          |      |
| Toluene                      | ND                               | 0.050 |  |             |                     |          |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050 |  |             |                     |          |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10  |  |             |                     |          |           |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.89                             |       | 1.000  |             | 89.1                | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

# Sample Log-In Check List

Client Name: EOG

Work Order Number: 2211D11

RcptNo: 1

Received By: Cheyenne Cason 11/23/2022 7:30:00 AM

Completed By: Sean Livingston 11/23/2022 8:19:29 AM

Reviewed By: *JD* 11-23-22

*Chad*

*Sean Livingston*

## Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐

2. How was the sample delivered? Courier

## Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐

4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐

5. Sample(s) in proper container(s)? Yes ☒ No ☐

6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐

7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐

8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐

9. Received at least 1 vial with headspace  $<1/4$ " for AQ VOA? Yes ☐ No ☐ NA ☒

10. Were any sample containers received broken? Yes ☐ No ☒

11. Does paperwork match bottle labels? Yes ☒ No ☐

(Note discrepancies on chain of custody)

12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐

13. Is it clear what analyses were requested? Yes ☒ No ☐

14. Were all holding times able to be met? Yes ☒ No ☐

(If no, notify customer for authorization.)

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted? \_\_\_\_\_

Checked by: *TMC* 11/23/22

## Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

## 17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | 1.3                     | Good      |             |         |           |           |
| 2         | 1.0                     | Good      |             |         |           |           |

## Chain-of-Custody Record

| Client: <u>Rangers / EOC - 5844e</u>  |       |                   |             |
|---|-------|-------------------|-------------|
| Mailing Address: <u>DU File</u>   |       |                   |             |
| Phone #: _____  |       |                   |             |
| email or Fax#: _____  |       |                   |             |
| QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)                       |       |                   |             |
| Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____ |       |                   |             |
| <input type="checkbox"/> EDD (Type) _____   |       |                   |             |
| Date  | Time  | Matrix            | Sample Name |
| 11/20/22  | 1202  | Soil              | B-17        |
|   | 1204  |                   | B-18        |
|   | 1206  |                   | B-19        |
|   | 1208  |                   | B-20        |
|   | 1210  |                   | B-21        |
|   | 1212  |                   | B-22        |
|   | 1214  |                   | B-23        |
|   | 1216  |                   | B-24        |
|   | 1218  |                   | B-25        |
|   | 1220  |                   | B-26        |
|   | 1222  |                   | B-27        |
|   | 1224  |                   | B-28        |
| Date:   | Time: | Relinquished by:  |             |
| 11/22/22  | 1000  | <u>W. Kennedy</u> |             |
| Date:   | Time: | Relinquished by:  |             |
| 11/20/22  | 1900  | <u>Quinn</u>      |             |

| Turn-Around Time: <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Rush <u>5-day TAT</u> |                   |          |
|--|-------------------|----------|
| Project Name: <u>Lodewich Creek</u>  |                   |          |
| Project #: <u>5375</u>   |                   |          |
| Project Manager: <u>W. Kennedy</u>   |                   |          |
| Sampler: <u>W. Kennedy</u>   |                   |          |
| On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |                   |          |
| # of Coolers: <u>2</u> (1.3 - 0 ± 1.3)   |                   |          |
| Cooler Temp (including CFI): <u>1.0 - 0 ± 1.0</u> (°C)   |                   |          |
| Container Type and #   | Preservative Type | HEAL No. |
| 1640212  | Ice               | 2211011  |
|  |                   | 001      |
|  |                   | 002      |
|  |                   | 003      |
|  |                   | 004      |
|  |                   | 005      |
|  |                   | 006      |
|  |                   | 007      |
|  |                   | 008      |
|  |                   | 009      |
|  |                   | 010      |
|  |                   | 011      |
|  |                   | 012      |

|   |                                     |
|---|-------------------------------------|
| Analysis Request  |                                     |
| BTEX / MTBE / TMBs (8021)                                   | <input checked="" type="checkbox"/> |
| TPH:8015D(GRO / DRO / MRO)                                  | <input checked="" type="checkbox"/> |
| 8081 Pesticides/8082 PCBs                                   | <input checked="" type="checkbox"/> |
| EDB (Method 504.1)  | <input checked="" type="checkbox"/> |
| PAHs by 8310 or 8270SIMS                                    | <input checked="" type="checkbox"/> |
| RCRA 8 Metals   | <input checked="" type="checkbox"/> |
| CLF, B, NO <sub>3</sub> , NO <sub>2</sub> , SO <sub>4</sub> | <input checked="" type="checkbox"/> |
| 8260 (VOA)  | <input checked="" type="checkbox"/> |
| 8270 (Semi-VOA)   | <input checked="" type="checkbox"/> |
| Total Coliform (Present/Absent)                             | <input checked="" type="checkbox"/> |



**HALL ENVIRONMENTAL ANALYSIS LABORATORY**  
 www.hallenvironmental.com  
 4901 Hawkins NE - Albuquerque, NM 87109  
 Tel. 505-345-3975 Fax 505-345-4107

Remarks:

|              |      |          |      |
|--------------|------|----------|------|
| Received by: | Via: | Date     | Time |
| <u>Quinn</u> |      | 11/20/22 | 1000 |
| Received by: | Via: | Date     | Time |
| <u>Quinn</u> |      | 11/20/22 | 0930 |

## Chain-of-Custody Record

| Client: <u>Rancho Los Serranos</u>  |       |                   |             |
|---|-------|-------------------|-------------|
| Mailing Address: <u>On file</u>   |       |                   |             |
| Phone #: _____  |       |                   |             |
| email or Fax#: _____  |       |                   |             |
| QA/QC Package: <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation) |       |                   |             |
| Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> Other                |       |                   |             |
| <input type="checkbox"/> NELAC <input type="checkbox"/> Other                                       |       |                   |             |
| <input type="checkbox"/> EDD (Type) _____   |       |                   |             |
| Date  | Time  | Matrix            | Sample Name |
| 12/21/22  | 1226  | Soil              | B-27        |
| 1228  |       |                   | B-30        |
| 1230  |       |                   | B-31        |
| 1232  |       |                   | B-32        |
| 1234  |       |                   | B-33        |
| 1236  |       |                   | B-34        |
| 1238  |       |                   | B-35        |
| 1240  |       |                   | B-36        |
| 1242  |       |                   | B-37        |
| 1244  |       |                   | B-38        |
| 1246  |       |                   | B-39        |
| 1248  |       |                   | B-40        |
| Date:   | Time: | Relinquished by:  |             |
| 12/21/22  | 1600  | <u>W. Kennedy</u> |             |
| Date:   | Time: | Relinquished by:  |             |
| 12/21/22  | 1700  | <u>W. Kennedy</u> |             |

|  |  |
|--|--|
| Turn-Around Time:                            |  |
| <input checked="" type="checkbox"/> Standard | <input checked="" type="checkbox"/> Rush |
| Project Name: <u>Carbonville Line</u>        |  |
| Project #: <u>5375</u>                       |  |

|   |  |
|---|--|
| Project Manager: <u>W. Kennedy</u>  |  |
| Sampler: <u>W. Kennedy</u>  |  |
| On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |
| # of Coolers: <u>2</u> 1.3 - 0 = 1.3  |  |
| Cooler Temp (including CP): <u>1.0</u> $\pm$ 1.0 (°C)                       |  |

| Container Type and # | Preservative Type | HEAL No.   |
|----------------------|-------------------|------------|
| <u>14221</u>         | <u>Ree</u>        | <u>013</u> |
|                      |                   | <u>014</u> |
|                      |                   | <u>015</u> |
|                      |                   | <u>016</u> |
|                      |                   | <u>017</u> |
|                      |                   | <u>018</u> |
|                      |                   | <u>019</u> |
|                      |                   | <u>020</u> |
|                      |                   | <u>021</u> |
|                      |                   | <u>022</u> |
|                      |                   | <u>023</u> |
|                      |                   | <u>024</u> |

|                   |      |                 |             |
|-------------------|------|-----------------|-------------|
| Received by:      | Via: | Date            | Time        |
| <u>W. Kennedy</u> |      | <u>12/21/22</u> | <u>1600</u> |
| Received by:      | Via: | Date            | Time        |
| <u>W. Kennedy</u> |      | <u>12/21/22</u> | <u>0736</u> |



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

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## Analysis Request

|                            |                            |                            |                    |                           |               |  |            |                 |                                 |
|----------------------------|----------------------------|----------------------------|--------------------|---------------------------|---------------|--|------------|-----------------|---------------------------------|
| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCB's | EDB (Method 504.1) | PAH's by 8310 or 8270SIMS | RCRA 8 Metals | Cl, F, Br, Mo, NO <sub>3</sub> , PO <sub>4</sub> , SO <sub>4</sub> | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) |
| <u>X</u>                   | <u>X</u>                   |                            |                    |                           |               |  |            |                 |                                 |

Remarks:



## Chain-of-Custody Record

Client: Unquav 506 settle

Mailing Address:

On file

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)# of Coolers: 2 1.3-0  $\pm$  1.3Cooler Temp (including off): LO-0  $\pm$  1.0 (°C)

Container Type and #

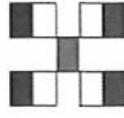
Preservative Type

HEAL No.

Date Time Matrix Sample Name

11/24/1250 Soil B-411x400g Ice 025

Remarks:

Received by: W. Kennedy Date: 11/23/12 Time: 1100Received by: Core Cox Date: 11/23/12 Time: 0730HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

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## Analysis Request

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

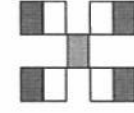
Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)



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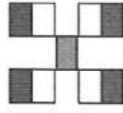
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Tel. 505-345-3975 Fax 505-345-4107

|                              |        |   |                |
|------------------------------|--------|---|----------------|
| Turn-Around Time:            |        | <input type="checkbox"/> Standard <input type="checkbox"/> Rush             |                |
| Project Name:                |        | Lodewick Line   |                |
| Project #:                   |        |   |                |
| Project Manager:             |        | Will K.   |                |
| Sampler:                     |        | On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |                |
| # of Coolers: 2              |        | 1.0-0=1.0   |                |
| Cooler Temp (including cpl): |        | 1.3-0=1.3   |                |
| Date                         | Time   | Matrix  | Sample Name    |
| 11/21/2022                   | 1300 S |   | 4B-1           |
| 11/21/2022                   | 1302 S |   | W-1            |
| 11/21/2022                   | 1304 S |   | W-2            |
| 11/21/2022                   | 1308 S |   | B-1            |
| 11/21/2022                   | 1310 S |   | B-2            |
| 11/21/2022                   | 1312 S |   | B-3            |
| 11/21/2022                   | 1314 S |   | B-4            |
| 11/21/2022                   | 1316 S |   | B-5            |
| 11/21/2022                   | 1318 S |   | B-6            |
| 11/21/2022                   | 1320 S |   | B-7            |
| 11/21/2022                   | 1322 S |   | B-8            |
| 11/21/2022                   | 1324 S |   | B-9            |
| Date:                        | Time:  | Relinquished by:  | Received by:   |
|                              |        |   | via: Date Time |
| Date:                        | Time:  | Relinquished by:  | Received by:   |
|                              |        |   | via: Date Time |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report

Page 99 of 174



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

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|  |        |                  |              |   |                   |          |      |   |      |  |  |
|--|--------|------------------|--------------|---|-------------------|----------|------|---|------|--|--|
| Received by: <u>CD-12/30/2023 1:30-49 PM</u> |        |                  |              | Chain-of-Custody Record   |                   |          |      | Turn-Around Time:   |      |  |  |
| Client: Ranger/EOG                           |        |                  |              | <input type="checkbox"/> Standard <input type="checkbox"/> Rush |                   |          |      |   |      |  |  |
| Mailing Address:                             |        |                  |              | Project Name:   |                   |          |      | Project Manager:  |      |  |  |
| Phone #:                                     |        |                  |              | Lodewick Line   |                   |          |      | Will K.   |      |  |  |
| email or Fax#:                               |        |                  |              | Project #:  |                   |          |      |   |      |  |  |
| QA/QC Package:                               |        |                  |              |   |                   |          |      |   |      |  |  |
| <input type="checkbox"/> Standard            |        |                  |              | <input type="checkbox"/> Level 4 (Full Validation)              |                   |          |      |   |      |  |  |
| Accreditation:                               |        |                  |              | <input type="checkbox"/> Az Compliance                          |                   |          |      | Sampler:  |      |  |  |
| <input type="checkbox"/> NELAC               |        |                  |              | <input type="checkbox"/> Other                                  |                   |          |      | On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |      |  |  |
| <input type="checkbox"/> EDD (Type)          |        |                  |              |   |                   |          |      | # of Coolers: 2 1.0-0=1.0   |      |  |  |
|  |        |                  |              |   |                   |          |      | Cooler Temp (including CP): 1.3-0=1.3                                       |      |  |  |
| Date   | Time   | Matrix           | Sample Name  | Container Type and #  | Preservative Type | HEAL No. |      |   |      |  |  |
| 11/21/2022                                   | 1326 S |                  | B-10         |   |                   | 038      |      |   |      |  |  |
| 11/21/2022                                   | 1328 S |                  | B-11         |   |                   | 039      |      |   |      |  |  |
| 11/21/2022                                   | 1330 S |                  | B-12         |   |                   | 040      |      |   |      |  |  |
| 11/21/2022                                   | 1332 S |                  | B-13         |   |                   | 041      |      |   |      |  |  |
| 11/21/2022                                   | 1334 S |                  | B-14         |   |                   | 042      |      |   |      |  |  |
| 11/21/2022                                   | 1336 S |                  | B-15         |   |                   | 043      |      |   |      |  |  |
| 11/21/2022                                   | 1338 S |                  | B-16         |   |                   | 044      |      |   |      |  |  |
|  | S      |                  |              |   |                   |          |      |   |      |  |  |
|  | S      |                  |              |   |                   |          |      |   |      |  |  |
|  | S      |                  |              |   |                   |          |      |   |      |  |  |
|  | S      |                  |              |   |                   |          |      |   |      |  |  |
|  | S      |                  |              |   |                   |          |      |   |      |  |  |
| Date:  | Time:  | Relinquished by: | Received by: |   |                   |          | Via: | Date  | Time |  |  |
|  |        |                  | CML          |   |                   |          | COCM | 11/22/23  | 0730 |  |  |
| Date:  | Time:  | Relinquished by: | Received by: |   |                   |          | Via: | Date  | Time |  |  |

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

December 21, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Lodewick Line

OrderNo.: 2212724

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 45 sample(s) on 12/13/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-1

Project: Lodewick Line

Collection Date: 12/9/2022 11:40:00 AM

Lab ID: 2212724-001

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/14/2022 3:35:38 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 9:30:49 AM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 9:30:49 AM | 72068        |
| Surr: DNOP                                       | 132    | 21-129   | S    | %Rec  | 1  | 12/14/2022 9:30:49 AM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/14/2022 7:51:00 PM | 72048        |
| Surr: BFB  | 98.0   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 7:51:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 7:51:00 PM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 7:51:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 7:51:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/14/2022 7:51:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130   |      | %Rec  | 1  | 12/14/2022 7:51:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 1 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-2

Project: Lodewick Line

Collection Date: 12/9/2022 11:42:00 AM

Lab ID: 2212724-002

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 3:47:59 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 10:10:37 AM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/14/2022 10:10:37 AM | 72068        |
| Surr: DNOP                                       | 111    | 21-129   |      | %Rec  | 1  | 12/14/2022 10:10:37 AM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| Surr: BFB  | 92.0   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/14/2022 8:50:00 PM  | 72048        |
| Surr: 4-Bromofluorobenzene                       | 99.1   | 70-130   |      | %Rec  | 1  | 12/14/2022 8:50:00 PM  | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 2 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-3

Project: Lodewick Line

Collection Date: 12/9/2022 11:44:00 AM

Lab ID: 2212724-003

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>JTT</b> |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/14/2022 5:14:26 PM  | 72092               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>JME</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 10:23:47 AM | 72068               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 10:23:47 AM | 72068               |
| Surr: DNOP                                       | 108    | 21-129   |      | %Rec  | 1  | 12/14/2022 10:23:47 AM | 72068               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| Surr: BFB  | 92.9   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/14/2022 9:49:00 PM  | 72048               |
| Surr: 4-Bromofluorobenzene                       | 98.4   | 70-130   |      | %Rec  | 1  | 12/14/2022 9:49:00 PM  | 72048               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 3 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-4

Project: Lodewick Line

Collection Date: 12/9/2022 11:46:00 AM

Lab ID: 2212724-004

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 5:26:47 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 10:37:06 AM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 10:37:06 AM | 72068        |
| Surr: DNOP                                       | 66.1   | 21-129   |      | %Rec  | 1  | 12/14/2022 10:37:06 AM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/14/2022 10:08:00 PM | 72048        |
| Surr: BFB  | 90.6   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 10:08:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/14/2022 10:08:00 PM | 72048        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/14/2022 10:08:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/14/2022 10:08:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/14/2022 10:08:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 98.6   | 70-130   |      | %Rec  | 1  | 12/14/2022 10:08:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 4 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-5

Project: Lodewick Line

Collection Date: 12/9/2022 11:48:00 AM

Lab ID: 2212724-005

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 5:39:08 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/14/2022 5:29:44 PM  | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 45       |      | mg/Kg | 1  | 12/14/2022 5:29:44 PM  | 72068        |
| Surr: DNOP                                       | 94.4   | 21-129   |      | %Rec  | 1  | 12/14/2022 5:29:44 PM  | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/14/2022 10:28:00 PM | 72048        |
| Surr: BFB  | 98.1   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 10:28:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 10:28:00 PM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 10:28:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 10:28:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/14/2022 10:28:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 98.4   | 70-130   |      | %Rec  | 1  | 12/14/2022 10:28:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 5 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-6

Project: Lodewick Line

Collection Date: 12/9/2022 11:50:00 AM

Lab ID: 2212724-006

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>JTT</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 5:51:29 PM  | 72092               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>JME</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 5:42:47 PM  | 72068               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 5:42:47 PM  | 72068               |
| Surr: DNOP                                       | 108    | 21-129   |      | %Rec  | 1  | 12/14/2022 5:42:47 PM  | 72068               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/14/2022 10:47:00 PM | 72048               |
| Surr: BFB  | 95.3   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 10:47:00 PM | 72048               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/14/2022 10:47:00 PM | 72048               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 10:47:00 PM | 72048               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 10:47:00 PM | 72048               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/14/2022 10:47:00 PM | 72048               |
| Surr: 4-Bromofluorobenzene                       | 97.3   | 70-130   |      | %Rec  | 1  | 12/14/2022 10:47:00 PM | 72048               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 6 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-7

Project: Lodewick Line

Collection Date: 12/9/2022 10:18:00 AM

Lab ID: 2212724-007

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 6:03:50 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 5:55:46 PM  | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/14/2022 5:55:46 PM  | 72068        |
| Surr: DNOP                                       | 111    | 21-129   |      | %Rec  | 1  | 12/14/2022 5:55:46 PM  | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/14/2022 11:07:00 PM | 72048        |
| Surr: BFB  | 92.7   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 11:07:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 11:07:00 PM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 11:07:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 11:07:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/14/2022 11:07:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 96.1   | 70-130   |      | %Rec  | 1  | 12/14/2022 11:07:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 7 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-8

Project: Lodewick Line

Collection Date: 12/9/2022 10:20:00 AM

Lab ID: 2212724-008

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 6:16:11 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 6:08:43 PM  | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/14/2022 6:08:43 PM  | 72068        |
| Surr: DNOP                                       | 103    | 21-129   |      | %Rec  | 1  | 12/14/2022 6:08:43 PM  | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/14/2022 11:26:00 PM | 72048        |
| Surr: BFB  | 92.9   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 11:26:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 11:26:00 PM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 11:26:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/14/2022 11:26:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/14/2022 11:26:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 98.5   | 70-130   |      | %Rec  | 1  | 12/14/2022 11:26:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 8 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-9

Project: Lodewick Line

Collection Date: 12/9/2022 10:22:00 AM

Lab ID: 2212724-009

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 6:53:13 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 6:21:29 PM  | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 6:21:29 PM  | 72068        |
| Surr: DNOP                                       | 95.4   | 21-129   |      | %Rec  | 1  | 12/14/2022 6:21:29 PM  | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/14/2022 11:46:00 PM | 72048        |
| Surr: BFB  | 97.7   | 37.7-212 |      | %Rec  | 1  | 12/14/2022 11:46:00 PM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/14/2022 11:46:00 PM | 72048        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 11:46:00 PM | 72048        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/14/2022 11:46:00 PM | 72048        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/14/2022 11:46:00 PM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130   |      | %Rec  | 1  | 12/14/2022 11:46:00 PM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 9 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-10

Project: Lodewick Line

Collection Date: 12/9/2022 10:24:00 AM

Lab ID: 2212724-010

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/14/2022 7:05:34 PM  | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 6:34:25 PM  | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 6:34:25 PM  | 72068        |
| Surr: DNOP                                       | 110    | 21-129   |      | %Rec  | 1  | 12/14/2022 6:34:25 PM  | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 12:06:00 AM | 72048        |
| Surr: BFB  | 87.0   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 12:06:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 12:06:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 12:06:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 12:06:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 12:06:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 96.6   | 70-130   |      | %Rec  | 1  | 12/15/2022 12:06:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 10 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-11

Project: Lodewick Line

Collection Date: 12/9/2022 10:26:00 AM

Lab ID: 2212724-011

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 7:17:55 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 6:48:01 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 6:48:01 PM | 72068        |
| Surr: DNOP                                       | 100    | 21-129   |      | %Rec  | 1  | 12/14/2022 6:48:01 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 2:03:00 AM | 72048        |
| Surr: BFB  | 95.5   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:03:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 2:03:00 AM | 72048        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 2:03:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 2:03:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 2:03:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:03:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 11 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-12

Project: Lodewick Line

Collection Date: 12/9/2022 10:28:00 AM

Lab ID: 2212724-012

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 7:30:15 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/14/2022 7:01:32 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 45       |      | mg/Kg | 1  | 12/14/2022 7:01:32 PM | 72068        |
| Surr: DNOP                                       | 104    | 21-129   |      | %Rec  | 1  | 12/14/2022 7:01:32 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 2:22:00 AM | 72048        |
| Surr: BFB  | 97.8   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:22:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 2:22:00 AM | 72048        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 2:22:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 2:22:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 2:22:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:22:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 12 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-13

Project: Lodewick Line

Collection Date: 12/9/2022 10:30:00 AM

Lab ID: 2212724-013

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/14/2022 7:42:36 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/14/2022 7:14:51 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/14/2022 7:14:51 PM | 72068        |
| Surr: DNOP                                       | 102    | 21-129   |      | %Rec  | 1  | 12/14/2022 7:14:51 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 2:42:00 AM | 72048        |
| Surr: BFB  | 99.7   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:42:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 2:42:00 AM | 72048        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:42:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:42:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 2:42:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:42:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 13 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-14

Project: Lodewick Line

Collection Date: 12/9/2022 10:32:00 AM

Lab ID: 2212724-014

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 7:54:57 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 7:28:26 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 7:28:26 PM | 72068        |
| Surr: DNOP                                       | 91.1   | 21-129   |      | %Rec  | 1  | 12/14/2022 7:28:26 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 3:01:00 AM | 72048        |
| Surr: BFB  | 96.6   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:01:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 3:01:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:01:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:01:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 3:01:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:01:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 14 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-15

Project: Lodewick Line

Collection Date: 12/9/2022 10:34:00 AM

Lab ID: 2212724-015

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 8:07:17 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 7:41:56 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 7:41:56 PM | 72068        |
| Surr: DNOP                                       | 94.5   | 21-129   |      | %Rec  | 1  | 12/14/2022 7:41:56 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 3:21:00 AM | 72048        |
| Surr: BFB  | 94.6   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:21:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 3:21:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:21:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:21:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 3:21:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 99.4   | 70-130   |      | %Rec  | 1  | 12/15/2022 3:21:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 15 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-16

Project: Lodewick Line

Collection Date: 12/9/2022 10:36:00 AM

Lab ID: 2212724-016

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 8:19:38 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 7:55:28 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/14/2022 7:55:28 PM | 72068        |
| Surr: DNOP                                       | 102    | 21-129   |      | %Rec  | 1  | 12/14/2022 7:55:28 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 3:40:00 AM | 72048        |
| Surr: BFB  | 92.9   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:40:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 3:40:00 AM | 72048        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 3:40:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 3:40:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 3:40:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:40:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 16 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-17

Project: Lodewick Line

Collection Date: 12/9/2022 10:38:00 AM

Lab ID: 2212724-017

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/14/2022 8:31:59 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 8:09:00 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 8:09:00 PM | 72068        |
| Surr: DNOP                                       | 120    | 21-129   |      | %Rec  | 1  | 12/14/2022 8:09:00 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 3:59:00 AM | 72048        |
| Surr: BFB  | 94.0   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:59:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 3:59:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:59:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:59:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 3:59:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:59:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 17 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-18

Project: Lodewick Line

Collection Date: 12/9/2022 10:40:00 AM

Lab ID: 2212724-018

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/14/2022 8:44:20 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/14/2022 8:22:22 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 46       |      | mg/Kg | 1  | 12/14/2022 8:22:22 PM | 72068        |
| Surr: DNOP                                       | 119    | 21-129   |      | %Rec  | 1  | 12/14/2022 8:22:22 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 4:19:00 AM | 72048        |
| Surr: BFB  | 95.4   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:19:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 4:19:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:19:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:19:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 4:19:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 4:19:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 18 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-19

Project: Lodewick Line

Collection Date: 12/9/2022 10:42:00 AM

Lab ID: 2212724-019

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 9:21:24 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 8:35:44 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/14/2022 8:35:44 PM | 72068        |
| Surr: DNOP                                       | 111    | 21-129   |      | %Rec  | 1  | 12/14/2022 8:35:44 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 4:38:00 AM | 72048        |
| Surr: BFB  | 92.2   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:38:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 4:38:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:38:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:38:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 4:38:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130   |      | %Rec  | 1  | 12/15/2022 4:38:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 19 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-20

Project: Lodewick Line

Collection Date: 12/9/2022 10:44:00 AM

Lab ID: 2212724-020

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 9:33:45 PM | 72092        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/14/2022 8:49:07 PM | 72068        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/14/2022 8:49:07 PM | 72068        |
| Surr: DNOP                                       | 109    | 21-129   |      | %Rec  | 1  | 12/14/2022 8:49:07 PM | 72068        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 4:58:00 AM | 72048        |
| Surr: BFB  | 96.0   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:58:00 AM | 72048        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 4:58:00 AM | 72048        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:58:00 AM | 72048        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:58:00 AM | 72048        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 4:58:00 AM | 72048        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 4:58:00 AM | 72048        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 20 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-21

Project: Lodewick Line

Collection Date: 12/9/2022 10:46:00 AM

Lab ID: 2212724-021

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 10:10:48 PM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 5:31:14 PM  | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/15/2022 5:31:14 PM  | 72077        |
| Surr: DNOP                                       | 129    | 21-129   | S    | %Rec  | 1  | 12/15/2022 5:31:14 PM  | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| Surr: BFB  | 99.1   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 5:37:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 5:37:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 21 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-22

Project: Lodewick Line

Collection Date: 12/9/2022 10:48:00 AM

Lab ID: 2212724-022

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 10:47:52 PM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 5:44:21 PM  | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 5:44:21 PM  | 72077        |
| Surr: DNOP                                       | 114    | 21-129   |      | %Rec  | 1  | 12/15/2022 5:44:21 PM  | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| Surr: BFB  | 100    | 37.7-212 |      | %Rec  | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 6:35:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 6:35:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 22 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-23

Project: Lodewick Line

Collection Date: 12/9/2022 10:50:00 AM

Lab ID: 2212724-023

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/14/2022 11:49:36 PM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/16/2022 12:22:57 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 46       |      | mg/Kg | 1  | 12/16/2022 12:22:57 PM | 72077        |
| Surr: DNOP                                       | 119    | 21-129   |      | %Rec  | 1  | 12/16/2022 12:22:57 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| Surr: BFB  | 99.1   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 7:34:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 7:34:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 23 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-24

Project: Lodewick Line

Collection Date: 12/9/2022 10:52:00 AM

Lab ID: 2212724-024

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 12:01:58 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 1:28:21 PM  | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 12/15/2022 1:28:21 PM  | 72077        |
| Surr: DNOP                                       | 107    | 21-129   |      | %Rec  | 1  | 12/15/2022 1:28:21 PM  | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| Surr: BFB  | 98.2   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 7:53:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130   |      | %Rec  | 1  | 12/15/2022 7:53:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 24 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-25

Project: Lodewick Line

Collection Date: 12/9/2022 10:54:00 AM

Lab ID: 2212724-025

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 12:14:19 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 1:52:37 PM  | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/15/2022 1:52:37 PM  | 72077        |
| Surr: DNOP                                       | 95.1   | 21-129   |      | %Rec  | 1  | 12/15/2022 1:52:37 PM  | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| Surr: BFB  | 98.3   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 8:13:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 105    | 70-130   |      | %Rec  | 1  | 12/15/2022 8:13:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 25 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-26

Project: Lodewick Line

Collection Date: 12/9/2022 10:56:00 AM

Lab ID: 2212724-026

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 12:26:39 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 11:17:47 AM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 11:17:47 AM | 72077        |
| Surr: DNOP                                       | 116    | 21-129   |      | %Rec  | 1  | 12/15/2022 11:17:47 AM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| Surr: BFB  | 96.5   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 8:32:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 104    | 70-130   |      | %Rec  | 1  | 12/15/2022 8:32:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 26 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-27

Project: Lodewick Line

Collection Date: 12/9/2022 10:58:00 AM

Lab ID: 2212724-027

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>JTT</b> |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 12:39:00 AM | 72093               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 11:41:32 AM | 72077               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/15/2022 11:41:32 AM | 72077               |
| Surr: DNOP                                       | 111    | 21-129   |      | %Rec  | 1  | 12/15/2022 11:41:32 AM | 72077               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| Surr: BFB  | 99.6   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 8:52:00 AM  | 72054               |
| Surr: 4-Bromofluorobenzene                       | 107    | 70-130   |      | %Rec  | 1  | 12/15/2022 8:52:00 AM  | 72054               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 27 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-28

Project: Lodewick Line

Collection Date: 12/9/2022 11:00:00 AM

Lab ID: 2212724-028

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 12:51:21 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 12:05:18 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 12:05:18 PM | 72077        |
| Surr: DNOP                                       | 106    | 21-129   |      | %Rec  | 1  | 12/15/2022 12:05:18 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| Surr: BFB  | 106    | 37.7-212 |      | %Rec  | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 9:11:00 AM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 107    | 70-130   |      | %Rec  | 1  | 12/15/2022 9:11:00 AM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 28 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-29

Project: Lodewick Line

Collection Date: 12/9/2022 11:02:00 AM

Lab ID: 2212724-029

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>JTT</b> |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 1:03:42 AM  | 72093               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 12:29:04 PM | 72077               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 12:29:04 PM | 72077               |
| Surr: DNOP                                       | 126    | 21-129   |      | %Rec  | 1  | 12/15/2022 12:29:04 PM | 72077               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| Surr: BFB  | 100    | 37.7-212 |      | %Rec  | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 9:31:00 AM  | 72054               |
| Surr: 4-Bromofluorobenzene                       | 107    | 70-130   |      | %Rec  | 1  | 12/15/2022 9:31:00 AM  | 72054               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 29 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-30

Project: Lodewick Line

Collection Date: 12/9/2022 11:04:00 AM

Lab ID: 2212724-030

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>JTT</b> |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 1:16:02 AM  | 72093               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 12:52:48 PM | 72077               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 12/15/2022 12:52:48 PM | 72077               |
| Surr: DNOP                                       | 118    | 21-129   |      | %Rec  | 1  | 12/15/2022 12:52:48 PM | 72077               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| Surr: BFB  | 104    | 37.7-212 |      | %Rec  | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 9:51:00 AM  | 72054               |
| Surr: 4-Bromofluorobenzene                       | 108    | 70-130   |      | %Rec  | 1  | 12/15/2022 9:51:00 AM  | 72054               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 30 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-31

Project: Lodewick Line

Collection Date: 12/9/2022 11:06:00 AM

Lab ID: 2212724-031

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 1:28:24 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 1:16:28 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 1:16:28 PM | 72077        |
| Surr: DNOP                                       | 106    | 21-129   |      | %Rec  | 1  | 12/15/2022 1:16:28 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 1:41:00 PM | 72054        |
| Surr: BFB  | 98.9   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 1:41:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 1:41:00 PM | 72054        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 1:41:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 1:41:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 1:41:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 104    | 70-130   |      | %Rec  | 1  | 12/15/2022 1:41:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 31 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-32

Project: Lodewick Line

Collection Date: 12/9/2022 11:08:00 AM

Lab ID: 2212724-032

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/15/2022 1:40:45 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 1:40:12 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 1:40:12 PM | 72077        |
| Surr: DNOP                                       | 114    | 21-129   |      | %Rec  | 1  | 12/15/2022 1:40:12 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 2:01:00 PM | 72054        |
| Surr: BFB  | 99.6   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:01:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 2:01:00 PM | 72054        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:01:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:01:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 2:01:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 106    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:01:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 32 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-33

Project: Lodewick Line

Collection Date: 12/9/2022 11:10:00 AM

Lab ID: 2212724-033

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 2:17:46 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 2:16:38 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 2:16:38 PM | 72077        |
| Surr: DNOP                                       | 109    | 21-129   |      | %Rec  | 1  | 12/15/2022 2:16:38 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 2:21:00 PM | 72054        |
| Surr: BFB  | 97.4   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:21:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 2:21:00 PM | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 2:21:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 2:21:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.098    |      | mg/Kg | 1  | 12/15/2022 2:21:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 106    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:21:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 33 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-34

Project: Lodewick Line

Collection Date: 12/9/2022 11:12:00 AM

Lab ID: 2212724-034

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 2:30:06 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 2:40:50 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 2:40:50 PM | 72077        |
| Surr: DNOP                                       | 116    | 21-129   |      | %Rec  | 1  | 12/15/2022 2:40:50 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 2:41:00 PM | 72054        |
| Surr: BFB  | 99.7   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 2:41:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 2:41:00 PM | 72054        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:41:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 2:41:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 12/15/2022 2:41:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 107    | 70-130   |      | %Rec  | 1  | 12/15/2022 2:41:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 34 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-35

Project: Lodewick Line

Collection Date: 12/9/2022 11:14:00 AM

Lab ID: 2212724-035

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/15/2022 2:42:27 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 3:04:54 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/15/2022 3:04:54 PM | 72077        |
| Surr: DNOP                                       | 112    | 21-129   |      | %Rec  | 1  | 12/15/2022 3:04:54 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 3:00:00 PM | 72054        |
| Surr: BFB  | 96.5   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:00:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 3:00:00 PM | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 3:00:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 3:00:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 3:00:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:00:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 35 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-36

Project: Lodewick Line

Collection Date: 12/9/2022 11:16:00 AM

Lab ID: 2212724-036

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 2:54:48 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: SB  |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 3:29:08 PM | 72077        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 3:29:08 PM | 72077        |
| Surr: DNOP                                       | 117    | 21-129   |      | %Rec  | 1  | 12/15/2022 3:29:08 PM | 72077        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 3:20:00 PM | 72054        |
| Surr: BFB  | 94.9   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:20:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 3:20:00 PM | 72054        |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 3:20:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 3:20:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 3:20:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:20:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 36 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-37

Project: Lodewick Line

Collection Date: 12/9/2022 11:18:00 AM

Lab ID: 2212724-037

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>JTT</b> |
| Chloride   | ND     | 61       |      | mg/Kg | 20 | 12/15/2022 3:07:09 AM | 72093               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 3:53:20 PM | 72077               |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 3:53:20 PM | 72077               |
| Surr: DNOP                                       | 109    | 21-129   |      | %Rec  | 1  | 12/15/2022 3:53:20 PM | 72077               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 3:40:00 PM | 72054               |
| Surr: BFB  | 97.1   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:40:00 PM | 72054               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 3:40:00 PM | 72054               |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:40:00 PM | 72054               |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 3:40:00 PM | 72054               |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 3:40:00 PM | 72054               |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:40:00 PM | 72054               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 37 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-38

Project: Lodewick Line

Collection Date: 12/9/2022 11:20:00 AM

Lab ID: 2212724-038

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 3:19:30 AM  | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/16/2022 12:33:27 PM | 72085        |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/16/2022 12:33:27 PM | 72085        |
| Surr: DNOP                                       | 104    | 21-129   |      | %Rec  | 1  | 12/16/2022 12:33:27 PM | 72085        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| Surr: BFB  | 95.8   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 3:59:00 PM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130   |      | %Rec  | 1  | 12/15/2022 3:59:00 PM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 38 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-39

Project: Lodewick Line

Collection Date: 12/9/2022 11:22:00 AM

Lab ID: 2212724-039

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch        |
|--|--------|----------|------|-------|----|------------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: JTT |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 3:31:51 AM  | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: DGH |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/16/2022 12:43:54 PM | 72085        |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/16/2022 12:43:54 PM | 72085        |
| Surr: DNOP                                       | 104    | 21-129   |      | %Rec  | 1  | 12/16/2022 12:43:54 PM | 72085        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| Surr: BFB  | 95.1   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: CCM |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| Xylenes, Total                                   | ND     | 0.097    |      | mg/Kg | 1  | 12/15/2022 4:19:00 PM  | 72054        |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130   |      | %Rec  | 1  | 12/15/2022 4:19:00 PM  | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 39 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-40

Project: Lodewick Line

Collection Date: 12/9/2022 11:24:00 AM

Lab ID: 2212724-040

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch        |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: JTT |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 3:44:12 AM | 72093        |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: JME |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 5:03:51 PM | 72085        |
| Motor Oil Range Organics (MRO)                   | ND     | 48       |      | mg/Kg | 1  | 12/15/2022 5:03:51 PM | 72085        |
| Surr: DNOP                                       | 103    | 21-129   |      | %Rec  | 1  | 12/15/2022 5:03:51 PM | 72085        |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: CCM |
| Gasoline Range Organics (GRO)                    | ND     | 4.9      |      | mg/Kg | 1  | 12/15/2022 4:38:00 PM | 72054        |
| Surr: BFB  | 95.3   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:38:00 PM | 72054        |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: CCM |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 4:38:00 PM | 72054        |
| Toluene  | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:38:00 PM | 72054        |
| Ethylbenzene                                     | ND     | 0.049    |      | mg/Kg | 1  | 12/15/2022 4:38:00 PM | 72054        |
| Xylenes, Total                                   | ND     | 0.099    |      | mg/Kg | 1  | 12/15/2022 4:38:00 PM | 72054        |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130   |      | %Rec  | 1  | 12/15/2022 4:38:00 PM | 72054        |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 40 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: B-41

Project: Lodewick Line

Collection Date: 12/9/2022 11:26:00 AM

Lab ID: 2212724-041

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 59       |      | mg/Kg | 20 | 12/15/2022 12:34:57 PM | 72105               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 2:10:24 PM  | 72094               |
| Motor Oil Range Organics (MRO)                   | ND     | 47       |      | mg/Kg | 1  | 12/15/2022 2:10:24 PM  | 72094               |
| Surr: DNOP                                       | 146    | 21-129   | S    | %Rec  | 1  | 12/15/2022 2:10:24 PM  | 72094               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0      |      | mg/Kg | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| Surr: BFB  | 105    | 37.7-212 |      | %Rec  | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.025    |      | mg/Kg | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| Toluene  | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| Ethylbenzene                                     | ND     | 0.050    |      | mg/Kg | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/15/2022 4:30:43 AM  | 72059               |
| Surr: 4-Bromofluorobenzene                       | 86.9   | 70-130   |      | %Rec  | 1  | 12/15/2022 4:30:43 AM  | 72059               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 41 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: 4B-1

Project: Lodewick Line

Collection Date: 12/9/2022 11:28:00 AM

Lab ID: 2212724-042

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed          | Batch               |
|--|--------|----------|------|-------|----|------------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                        | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 12:47:21 PM | 72105               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                        | Analyst: <b>JME</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 5:17:41 PM  | 72085               |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/15/2022 5:17:41 PM  | 72085               |
| Surr: DNOP                                       | 103    | 21-129   |      | %Rec  | 1  | 12/15/2022 5:17:41 PM  | 72085               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                        | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| Surr: BFB  | 84.1   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                        | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| Xylenes, Total                                   | ND     | 0.095    |      | mg/Kg | 1  | 12/15/2022 5:40:21 AM  | 72059               |
| Surr: 4-Bromofluorobenzene                       | 83.9   | 70-130   |      | %Rec  | 1  | 12/15/2022 5:40:21 AM  | 72059               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 42 of 54



## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1

Project: Lodewick Line

Collection Date: 12/9/2022 11:30:00 AM

Lab ID: 2212724-043

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | 110    | 60       |      | mg/Kg | 20 | 12/15/2022 1:24:35 PM | 72105               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 940    | 74       |      | mg/Kg | 5  | 12/16/2022 8:35:39 PM | 72085               |
| Motor Oil Range Organics (MRO)                   | 460    | 250      |      | mg/Kg | 5  | 12/16/2022 8:35:39 PM | 72085               |
| Surr: DNOP                                       | 102    | 21-129   |      | %Rec  | 5  | 12/16/2022 8:35:39 PM | 72085               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8      |      | mg/Kg | 1  | 12/15/2022 6:49:59 AM | 72059               |
| Surr: BFB  | 91.3   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 6:49:59 AM | 72059               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.024    |      | mg/Kg | 1  | 12/15/2022 6:49:59 AM | 72059               |
| Toluene  | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 6:49:59 AM | 72059               |
| Ethylbenzene                                     | ND     | 0.048    |      | mg/Kg | 1  | 12/15/2022 6:49:59 AM | 72059               |
| Xylenes, Total                                   | ND     | 0.096    |      | mg/Kg | 1  | 12/15/2022 6:49:59 AM | 72059               |
| Surr: 4-Bromofluorobenzene                       | 78.9   | 70-130   |      | %Rec  | 1  | 12/15/2022 6:49:59 AM | 72059               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 43 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-2

Project: Lodewick Line

Collection Date: 12/9/2022 11:32:00 AM

Lab ID: 2212724-044

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 1:36:59 PM | 72105               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/15/2022 2:20:56 PM | 72094               |
| Motor Oil Range Organics (MRO)                   | ND     | 49       |      | mg/Kg | 1  | 12/15/2022 2:20:56 PM | 72094               |
| Surr: DNOP                                       | 114    | 21-129   |      | %Rec  | 1  | 12/15/2022 2:20:56 PM | 72094               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 12/15/2022 7:13:10 AM | 72059               |
| Surr: BFB  | 81.7   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 7:13:10 AM | 72059               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 12/15/2022 7:13:10 AM | 72059               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 7:13:10 AM | 72059               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 7:13:10 AM | 72059               |
| Xylenes, Total                                   | ND     | 0.094    |      | mg/Kg | 1  | 12/15/2022 7:13:10 AM | 72059               |
| Surr: 4-Bromofluorobenzene                       | 83.0   | 70-130   |      | %Rec  | 1  | 12/15/2022 7:13:10 AM | 72059               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 44 of 54

## Analytical Report

Lab Order 2212724

Date Reported: 12/21/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-3

Project: Lodewick Line

Collection Date: 12/9/2022 12:11:00 PM

Lab ID: 2212724-045

Matrix: SOIL

Received Date: 12/13/2022 7:50:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | ND     | 60       |      | mg/Kg | 20 | 12/15/2022 1:49:23 PM | 72105               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>DGH</b> |
| Diesel Range Organics (DRO)                      | ND     | 14       |      | mg/Kg | 1  | 12/15/2022 2:31:31 PM | 72094               |
| Motor Oil Range Organics (MRO)                   | ND     | 46       |      | mg/Kg | 1  | 12/15/2022 2:31:31 PM | 72094               |
| Surr: DNOP                                       | 158    | 21-129   | S    | %Rec  | 1  | 12/15/2022 2:31:31 PM | 72094               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7      |      | mg/Kg | 1  | 12/15/2022 7:36:19 AM | 72059               |
| Surr: BFB  | 83.0   | 37.7-212 |      | %Rec  | 1  | 12/15/2022 7:36:19 AM | 72059               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>RAA</b> |
| Benzene  | ND     | 0.023    |      | mg/Kg | 1  | 12/15/2022 7:36:19 AM | 72059               |
| Toluene  | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 7:36:19 AM | 72059               |
| Ethylbenzene                                     | ND     | 0.047    |      | mg/Kg | 1  | 12/15/2022 7:36:19 AM | 72059               |
| Xylenes, Total                                   | ND     | 0.093    |      | mg/Kg | 1  | 12/15/2022 7:36:19 AM | 72059               |
| Surr: 4-Bromofluorobenzene                       | 83.1   | 70-130   |      | %Rec  | 1  | 12/15/2022 7:36:19 AM | 72059               |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |
|                    |     |   |    |   |

Page 45 of 54

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>MB-72092</b>   | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72092</b>           | RunNo: <b>93292</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3362929</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-72092</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72092</b>           | RunNo: <b>93292</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3362930</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 15                               | 1.5                                       | 15.00     | 0           | 98.7 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-72093</b>   | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72093</b>           | RunNo: <b>93292</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3362961</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-72093</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72093</b>           | RunNo: <b>93292</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3362962</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 15                               | 1.5                                       | 15.00     | 0           | 97.1 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-72105</b>   | SampType: <b>mblk</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72105</b>           | RunNo: <b>93351</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/15/2022</b> | SeqNo: <b>3365752</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | ND                               | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-72105</b>  | SampType: <b>lcs</b>             | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72105</b>           | RunNo: <b>93351</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/15/2022</b> | SeqNo: <b>3365753</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                     | 14                               | 1.5                                       | 15.00     | 0           | 95.9 | 90       | 110       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>MB-72068</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>72068</b>           | RunNo: <b>93261</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b>   | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3361567</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 10                               |  | 10.00     |             | 104  | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72068</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72068</b>           | RunNo: <b>93261</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/14/2022</b> | SeqNo: <b>3361568</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 46                               | 15   | 50.00     | 0           | 92.4 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.7                              |  | 5.000     |             | 94.7 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-72077</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>72077</b>           | RunNo: <b>93290</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b>   | Analysis Date: <b>12/15/2022</b> | SeqNo: <b>3363129</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 10                               |  | 10.00     |             | 102  | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72077</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72077</b>           | RunNo: <b>93290</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/15/2022</b> | SeqNo: <b>3363130</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 51                               | 15   | 50.00     | 0           | 101  | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.9                              |  | 5.000     |             | 99.0 | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72094</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72094</b>           | RunNo: <b>93319</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/15/2022</b> | SeqNo: <b>3365952</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 44                               | 15   | 50.00     | 0           | 87.8 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.4                              |  | 5.000     |             | 87.7 | 21       | 129       |      |          |      |

**Qualifiers:**

|     |   |    |   |
|-----|---|----|---|
| *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
| D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
| H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
| ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
| PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
| S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>LCS-72133</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72133</b>           |     | RunNo: <b>93356</b>  |             |                    |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3366255</b>                                      |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP                   | 4.6                              |     | 5.000  |             | 92.7               | 21       | 129       |      |          |      |

| Sample ID: <b>MB-72133</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72133</b>           |     | RunNo: <b>93356</b>  |             |                    |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3366256</b>                                      |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP                   | 13                               |     | 10.00  |             | 133                | 21       | 129       |      |          | S    |

| Sample ID: <b>LCS-72085</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72085</b>           |     | RunNo: <b>93357</b>  |             |                     |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3366259</b>                                      |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 51                               | 15  | 50.00  | 0           | 102                 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 6.2                              |     | 5.000  |             | 125                 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-72085</b>     | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                     |          |           |      |          |      |
|--------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>72085</b>           |     | RunNo: <b>93357</b>  |             |                     |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b>   | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3366260</b>                                      |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                        | Result                           | PQL | SPK value  | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15  |  |             |                     |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50  |  |             |                     |          |           |      |          |      |
| Surr: DNOP                     | 11                               |     | 10.00  |             | 112                 | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72094</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72094</b>           |     | RunNo: <b>93357</b>  |             |                     |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3366578</b>                                      |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 65                               | 15  | 50.00  | 0           | 130                 | 64.4     | 127       |      |          | S    |
| Surr: DNOP                   | 8.1                              |     | 5.000  |             | 162                 | 21       | 129       |      |          | S    |

| Sample ID: <b>MB-72094</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72094</b>           |     | RunNo: <b>93357</b>  |             |                     |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b> | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3366582</b>                                      |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | ND                               | 15  |  |             |                     |          |           |      |          |      |

**Qualifiers:**

|     |   |    |   |
|-----|---|----|---|
| *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
| D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
| H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
| ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
| PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
| S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>MB-72094</b>     | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                     |          |           |      |          |      |
|--------------------------------|----------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>72094</b>           |     | RunNo: <b>93357</b>  |             |                     |          |           |      |          |      |
| Prep Date: <b>12/14/2022</b>   | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3366582</b>                                      |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                        | Result                           | PQL | SPK value  | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Motor Oil Range Organics (MRO) | ND                               | 50  |  |             |                     |          |           |      |          |      |
| Surr: DNOP                     | 12                               |     | 10.00  |             | 117                 | 21       | 129       |      |          |      |

| Sample ID: <b>MB-72113</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72113</b>           |     | RunNo: <b>93339</b>  |             |                    |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3367124</b>                                      |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP                   | 9.1                              |     | 10.00  |             | 91.4               | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72113</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72113</b>           |     | RunNo: <b>93339</b>  |             |                    |          |           |      |          |      |
| Prep Date: <b>12/15/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3367125</b>                                      |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value  | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP                   | 4.8                              |     | 5.000  |             | 95.2               | 21       | 129       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>LCS-72059</b>   | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                     |      |          |      |
|-------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>72059</b>           |     |           | RunNo: <b>93289</b>                               |      |          |                     |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/14/2022</b> |     |           | SeqNo: <b>3362709</b>                             |      |          | Units: <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit           | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25                               | 5.0 | 25.00     | 0   | 99.8 | 72.3     | 137                 |      |          |      |
| Surr: BFB                     | 1900                             |     | 1000      |   | 186  | 37.7     | 212                 |      |          |      |

| Sample ID: <b>mb-72059</b>    | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                     |      |          |      |
|-------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>72059</b>           |     |           | RunNo: <b>93289</b>                               |      |          |                     |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/14/2022</b> |     |           | SeqNo: <b>3362711</b>                             |      |          | Units: <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit           | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0 |           |   |      |          |                     |      |          |      |
| Surr: BFB                     | 880                              |     | 1000      |   | 87.7 | 37.7     | 212                 |      |          |      |

| Sample ID: <b>lcs-72034</b>  | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                    |      |          |      |
|------------------------------|----------------------------------|-----|-----------|---|------|----------|--------------------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72034</b>           |     |           | RunNo: <b>93307</b>                               |      |          |                    |      |          |      |
| Prep Date: <b>12/12/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3363273</b>                             |      |          | Units: <b>%Rec</b> |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit          | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 1800                             |     | 1000      |   | 182  | 37.7     | 212                |      |          |      |

| Sample ID: <b>mb-72034</b>   | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                    |      |          |      |
|------------------------------|----------------------------------|-----|-----------|---|------|----------|--------------------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72034</b>           |     |           | RunNo: <b>93307</b>                               |      |          |                    |      |          |      |
| Prep Date: <b>12/12/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3363274</b>                             |      |          | Units: <b>%Rec</b> |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit          | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 890                              |     | 1000      |   | 89.0 | 37.7     | 212                |      |          |      |

| Sample ID: <b>lcs-72048</b>   | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                     |      |          |      |
|-------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>72048</b>           |     |           | RunNo: <b>93313</b>                               |      |          |                     |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/14/2022</b> |     |           | SeqNo: <b>3363560</b>                             |      |          | Units: <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit           | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22                               | 5.0 | 25.00     | 0   | 87.7 | 72.3     | 137                 |      |          |      |
| Surr: BFB                     | 2000                             |     | 1000      |   | 203  | 37.7     | 212                 |      |          |      |

| Sample ID: <b>mb-72048</b>    | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |          |                     |      |          |      |
|-------------------------------|----------------------------------|-----|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>72048</b>           |     |           | RunNo: <b>93313</b>                               |      |          |                     |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/14/2022</b> |     |           | SeqNo: <b>3363561</b>                             |      |          | Units: <b>mg/Kg</b> |      |          |      |
| Analyte                       | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit | HighLimit           | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0 |           |   |      |          |                     |      |          |      |
| Surr: BFB                     | 970                              |     | 1000      |   | 97.4 | 37.7     | 212                 |      |          |      |

**Qualifiers:**

|     |   |    |   |
|-----|---|----|---|
| *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
| D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
| H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
| ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
| PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
| S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>ics-72054</b>   | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                     |          |           |      |          |      |
|-------------------------------|----------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>72054</b>           |     | RunNo: <b>93313</b>                               |             |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3363584</b>                             |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                       | Result                           | PQL | SPK value   | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21                               | 5.0 | 25.00   | 0           | 85.8                | 72.3     | 137       |      |          |      |
| Surr: BFB                     | 1900                             |     | 1000  |             | 195                 | 37.7     | 212       |      |          |      |

| Sample ID: <b>mb-72054</b>    | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                     |          |           |      |          |      |
|-------------------------------|----------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>72054</b>           |     | RunNo: <b>93313</b>                               |             |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b>  | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3363585</b>                             |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                       | Result                           | PQL | SPK value   | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0 |   |             |                     |          |           |      |          |      |
| Surr: BFB                     | 940                              |     | 1000  |             | 93.8                | 37.7     | 212       |      |          |      |

| Sample ID: <b>ics-72043</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72043</b>           |     | RunNo: <b>93340</b>                               |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3365082</b>                             |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value   | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 2200                             |     | 1000  |             | 216                | 37.7     | 212       |      |          | S    |

| Sample ID: <b>mb-72043</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72043</b>           |     | RunNo: <b>93340</b>                               |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |     | SeqNo: <b>3365083</b>                             |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value   | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 1000                             |     | 1000  |             | 102                | 37.7     | 212       |      |          |      |

| Sample ID: <b>ics-72038</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72038</b>           |     | RunNo: <b>93307</b>                               |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3365337</b>                             |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value   | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 1800                             |     | 1000  |             | 181                | 37.7     | 212       |      |          |      |

| Sample ID: <b>mb-72038</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|---|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72038</b>           |     | RunNo: <b>93307</b>                               |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3365338</b>                             |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value   | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 830                              |     | 1000  |             | 82.6               | 37.7     | 212       |      |          |      |

**Qualifiers:**

|     |   |    |   |
|-----|---|----|---|
| *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
| D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
| H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
| ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
| PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
| S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb-72059</b>   | SampType: <b>MBLK</b>            |       |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |      |                     |           |      |          |      |
|------------------------------|----------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72059</b>           |       |           | RunNo: <b>93289</b>                          |      |                     |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/14/2022</b> |       |           | SeqNo: <b>3362764</b>                        |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val                                  | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025 |           |  |      |                     |           |      |          |      |
| Toluene                      | ND                               | 0.050 |           |  |      |                     |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050 |           |  |      |                     |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10  |           |  |      |                     |           |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.87                             |       | 1.000     |  | 87.3 | 70                  | 130       |      |          |      |

| Sample ID: <b>LCS-72034</b>  | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |      |                    |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|--|------|--------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72034</b>           |     |           | RunNo: <b>93307</b>                          |      |                    |           |      |          |      |
| Prep Date: <b>12/12/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3363278</b>                        |      | Units: <b>%Rec</b> |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                  | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.89                             |     | 1.000     |  | 88.6 | 70                 | 130       |      |          |      |

| Sample ID: <b>mb-72034</b>   | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |      |                    |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|--|------|--------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72034</b>           |     |           | RunNo: <b>93307</b>                          |      |                    |           |      |          |      |
| Prep Date: <b>12/12/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3363279</b>                        |      | Units: <b>%Rec</b> |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                  | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.89                             |     | 1.000     |  | 89.3 | 70                 | 130       |      |          |      |

| Sample ID: <b>lcs-72048</b>  | SampType: <b>LCS</b>             |       |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |      |                     |           |      |          |      |
|------------------------------|----------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72048</b>           |       |           | RunNo: <b>93313</b>                          |      |                     |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/14/2022</b> |       |           | SeqNo: <b>3363641</b>                        |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val                                  | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.89                             | 0.025 | 1.000     | 0  | 89.1 | 80                  | 120       |      |          |      |
| Toluene                      | 0.90                             | 0.050 | 1.000     | 0  | 90.3 | 80                  | 120       |      |          |      |
| Ethylbenzene                 | 0.90                             | 0.050 | 1.000     | 0  | 89.6 | 80                  | 120       |      |          |      |
| Xylenes, Total               | 2.7                              | 0.10  | 3.000     | 0  | 89.1 | 80                  | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 1.0                              |       | 1.000     |  | 101  | 70                  | 130       |      |          |      |

| Sample ID: <b>mb-72048</b>   | SampType: <b>MBLK</b>            |       |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |      |                     |           |      |          |      |
|------------------------------|----------------------------------|-------|-----------|--|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72048</b>           |       |           | RunNo: <b>93313</b>                          |      |                     |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/14/2022</b> |       |           | SeqNo: <b>3363642</b>                        |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val                                  | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025 |           |  |      |                     |           |      |          |      |
| Toluene                      | ND                               | 0.050 |           |  |      |                     |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050 |           |  |      |                     |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10  |           |  |      |                     |           |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb-72048</b>   | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|--|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72048</b>           |     |           | RunNo: <b>93313</b>                          |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/14/2022</b> |     |           | SeqNo: <b>3363642</b>                        | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                  | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 1.0                              |     | 1.000     |  | 101                 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-72054</b>  | SampType: <b>LCS</b>             |       |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|-----------|--|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72054</b>           |       |           | RunNo: <b>93313</b>                          |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |       |           | SeqNo: <b>3363665</b>                        | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val                                  | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.89                             | 0.025 | 1.000     | 0  | 88.6                | 80       | 120       |      |          |      |
| Toluene                      | 0.89                             | 0.050 | 1.000     | 0  | 89.3                | 80       | 120       |      |          |      |
| Ethylbenzene                 | 0.89                             | 0.050 | 1.000     | 0  | 88.8                | 80       | 120       |      |          |      |
| Xylenes, Total               | 2.6                              | 0.10  | 3.000     | 0  | 88.2                | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.99                             |       | 1.000     |  | 98.8                | 70       | 130       |      |          |      |

| Sample ID: <b>mb-72054</b>   | SampType: <b>MBLK</b>            |       |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|-----------|--|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72054</b>           |       |           | RunNo: <b>93313</b>                          |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |       |           | SeqNo: <b>3363666</b>                        | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value | SPK Ref Val                                  | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | ND                               | 0.025 |           |  |                     |          |           |      |          |      |
| Toluene                      | ND                               | 0.050 |           |  |                     |          |           |      |          |      |
| Ethylbenzene                 | ND                               | 0.050 |           |  |                     |          |           |      |          |      |
| Xylenes, Total               | ND                               | 0.10  |           |  |                     |          |           |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.99                             |       | 1.000     |  | 99.2                | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-72043</b>  | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|--|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72043</b>           |     |           | RunNo: <b>93340</b>                          |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3365123</b>                        | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                  | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 1.1                              |     | 1.000     |  | 106                | 70       | 130       |      |          |      |

| Sample ID: <b>mb-72043</b>   | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|--|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72043</b>           |     |           | RunNo: <b>93340</b>                          |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |     |           | SeqNo: <b>3365124</b>                        | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                  | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 1.1                              |     | 1.000     |  | 106                | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212724

21-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>LCS-72038</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72038</b>           |     | RunNo: <b>93307</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3365373</b>                        |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.87                             |     | 1.000  |             | 86.8               | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-72059</b>  | SampType: <b>LCS</b>             |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72059</b>           |       | RunNo: <b>93307</b>                          |             |                     |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/15/2022</b> |       | SeqNo: <b>3365374</b>                        |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                      | 0.80                             | 0.025 | 1.000  | 0           | 80.4                | 80       | 120       |      |          |      |
| Toluene                      | 0.84                             | 0.050 | 1.000  | 0           | 83.7                | 80       | 120       |      |          |      |
| Ethylbenzene                 | 0.83                             | 0.050 | 1.000  | 0           | 83.4                | 80       | 120       |      |          |      |
| Xylenes, Total               | 2.5                              | 0.10  | 3.000  | 0           | 84.2                | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene   | 0.85                             |       | 1.000  |             | 84.9                | 70       | 130       |      |          |      |

| Sample ID: <b>mb-72038</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72038</b>           |     | RunNo: <b>93307</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>12/13/2022</b> | Analysis Date: <b>12/16/2022</b> |     | SeqNo: <b>3365375</b>                        |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.82                             |     | 1.000  |             | 81.5               | 70       | 130       |      |          |      |

**Qualifiers:**

|     |   |    |   |
|-----|---|----|---|
| *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
| D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
| H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
| ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
| PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
| S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: EOG

Work Order Number: 2212724

RcptNo: 1

Received By: Sean Livingston

12/13/2022 7:50:00 AM

*Sean Livingston*

Completed By: Sean Livingston

12/13/2022 8:07:07 AM

*Sean Livingston*

Reviewed By:

*JS 12-13-22*

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace  $<1/4"$  for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted? \_\_\_\_\_

Checked by: *KPC 12-13-22*

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

| Cooler No | Temp $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | -2.5                    | Good      |             |         |           |           |
| 2         | -2.0                    | Good      |             |         |           |           |



Client: EOG-Artesia / Ranger Env.

Mailing Address: EOG - 105 S 4th St, Artesia NM, 88210

Project Name: Lodewick Line

Project #: 5375

Project Manager: W. Kierdorf

Phone #: 521-335-1785

email or Fax#: Will@RangerEnv.com

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☒ NELAC ☐ Other

☒ EDD (Type) ☐ Excel

Sampler: F. Martinez / W. Kennedy

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): -2.4 - 0.1 = -2.5 °C

Container Type and #

Preservative Type

HEAL No.

TPH: 8015D (GRO / DRO / MRO)

Chloride (EPA 300)

BTEX (8021)

| Date    | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 12/2/22 | 1140 | Soil   | B-1         | 1x42 Jar             | ICE               | 2212724  |
|         | 1142 |        | B-2         |                      |                   | 001      |
|         | 1144 |        | B-3         |                      |                   | 002      |
|         | 1146 |        | B-4         |                      |                   | 003      |
|         | 1148 |        | B-5         |                      |                   | 004      |
|         | 1150 |        | B-6         |                      |                   | 005      |
|         | 1018 |        | B-7         |                      |                   | 006      |
|         | 1020 |        | B-8         |                      |                   | 007      |
|         | 1022 |        | B-9         |                      |                   | 008      |
|         | 1024 |        | B-10        |                      |                   | 009      |
|         | 1026 |        | B-11        |                      |                   | 010      |
|         | 1028 |        | B-12        |                      |                   | 011      |
|         |      |        |             |                      |                   | 012      |

Date/Time: 12/2/22 1135  
Relinquished by: [Signature]  
Date/Time: 12/2/22 1900  
Relinquished by: [Signature]



## Chain-of-Custody Record

Client: E06-Artesia / Ranger EnvMailing Address: On File

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

| Date    | Time | Matrix | Sample Name |
|---------|------|--------|-------------|
| 12-9-22 | 1030 | Soil   | B-13        |
| 12-9-22 | 1032 |        | B-14        |
| 12-9-22 | 1034 |        | B-15        |
| 12-9-22 | 1036 |        | B-16        |
| 12-9-22 | 1038 |        | B-17        |
| 12-9-22 | 1040 |        | B-18        |
| 12-9-22 | 1042 |        | B-19        |
| 12-9-22 | 1044 |        | B-20        |
| 12-9-22 | 1046 |        | B-21        |
| 12-9-22 | 1048 |        | B-22        |
| 12-9-22 | 1050 |        | B-23        |
| 12-9-22 | 1052 |        | B-24        |

Date: 12-12-22 Time: 1135Relinquished by: F. MartinezDate: 12-12-22 Time: 1900Relinquished by: W. Kennedy

Turn-Around Time:

☐ Standard ☒ Rush

Project Name:

Lodewick Line

Project #:

5375

Project Manager:

W. Kennedy

Sampler:

On Ice: ☒ Yes ☐ No# of Coolers: 2Cooler Temp (Including CF): -24-0.1 = -2.5 (°C)

Container Type and #

Preservative Type

HEAL No.

BTEX / MTBE / TMB's (8021)

TPH:8015D(GRO / DRO / MRO)

8081 Pesticides/8082 PCB's

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

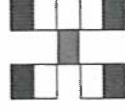
CF, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Remarks:

-1.9-0.1 = -2.5HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

2 of 4

## Chain-of-Custody Record

Client: Eog-Atresia / Ranger Env

Mailing Address:

QAF.12

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)Cooler Temp (including CF): -2.4-0.1 = -2.5 (°C)# of Coolers: 12

Container Type and #

Preservative Type

HEAL No.

Date

Time

Matrix

Sample Name

Date

Time

Matrix

Sample Name

Date

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## Chain-of-Custody Record

Client: Eog-Anesta / Ranger Env

Mailing Address:

GN FIVE

Phone #:

email or Fax#:

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)Accreditation: ☐ Az Compliance☐ NELAC ☐ Other☐ EDD (Type)

Turn-Around Time:

☐ Standard ☒ Rush48 Hour

Project Name:

Lodewick Line

Project #:

5375

Project Manager:

W. KierdorfSampler: A. Martinez / W. KierdorfOn Ice: ☒ Yes ☐ No# of Coolers: 2Cooler Temp (including CF): -2.4 - 0.1 = -2.5 (°C)

Container Type and #

Preservative Type

HEAL No.

1x402 Jar

ICE

037

1120

B-38

038

1122

B-39

039

1124

B-46

040

1126

B-41

041

1128

4B-1

042

1130

W-1

043

1132

W-2

044

1211

W-3

045

Date: 12-12-22 1155Relinquished by: A. MartinezReceived by: W. KierdorfDate: 12/12/22 1135

Time

Date: 12/12/22 900Relinquished by: W. KierdorfReceived by: SaDate: 12/13/22 7:50

Time

Remarks:

-1.9-0.1 = -2.0°C

## Analysis Request

TPH:8015D(GRO / DRO / MRO) ☒

8081 Pesticides/8082 PCB's ☒

EDB (Method 504.1) ☒

PAHs by 8310 or 8270SIMS ☒

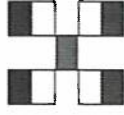
RCRA 8 Metals ☒

CF, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub> ☒

8260 (VOA) ☒

8270 (Semi-VOA) ☒

Total Coliform (Present/Absent) ☒

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

4 of 4





Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: [www.hallenvironmental.com](http://www.hallenvironmental.com)

December 30, 2022

Will Kierdorf

EOG

105 South Fourth Street

Artesia, NM 88210

TEL:

FAX:

RE: Lodewick Line

OrderNo.: 2212D31

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 1 sample(s) on 12/23/2022 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to [www.hallenvironmental.com](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order 2212D31

Date Reported: 12/30/2022

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: EOG

Client Sample ID: W-1A

Project: Lodewick Line

Collection Date: 12/22/2022 10:50:00 AM

Lab ID: 2212D31-001

Matrix: MEOH (SOIL)

Received Date: 12/23/2022 8:00:00 AM

| Analyses   | Result | RL       | Qual | Units | DF | Date Analyzed         | Batch               |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |          |      |       |    |                       | Analyst: <b>NAI</b> |
| Chloride   | 120    | 59       |      | mg/Kg | 20 | 12/27/2022 8:48:02 PM | 72329               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |          |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 15       |      | mg/Kg | 1  | 12/27/2022 2:57:42 PM | 72321               |
| Motor Oil Range Organics (MRO)                   | ND     | 50       |      | mg/Kg | 1  | 12/27/2022 2:57:42 PM | 72321               |
| Surr: DNOP                                       | 110    | 21-129   |      | %Rec  | 1  | 12/27/2022 2:57:42 PM | 72321               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.2      |      | mg/Kg | 1  | 12/23/2022 5:59:57 PM | R93539              |
| Surr: BFB  | 90.0   | 37.7-212 |      | %Rec  | 1  | 12/23/2022 5:59:57 PM | R93539              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |          |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.026    |      | mg/Kg | 1  | 12/23/2022 5:59:57 PM | R93539              |
| Toluene  | ND     | 0.052    |      | mg/Kg | 1  | 12/23/2022 5:59:57 PM | R93539              |
| Ethylbenzene                                     | ND     | 0.052    |      | mg/Kg | 1  | 12/23/2022 5:59:57 PM | R93539              |
| Xylenes, Total                                   | ND     | 0.10     |      | mg/Kg | 1  | 12/23/2022 5:59:57 PM | R93539              |
| Surr: 4-Bromofluorobenzene                       | 90.2   | 70-130   |      | %Rec  | 1  | 12/23/2022 5:59:57 PM | R93539              |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

|                    |     |   |    |   |
|--------------------|-----|---|----|---|
| <b>Qualifiers:</b> | *   | Value exceeds Maximum Contaminant Level.                                      | B  | Analyte detected in the associated Method Blank |
|                    | D   | Sample Diluted Due to Matrix  | E  | Above Quantitation Range/Estimated Value        |
|                    | H   | Holding times for preparation or analysis exceeded                            | J  | Analyte detected below quantitation limits      |
|                    | ND  | Not Detected at the Reporting Limit   | P  | Sample pH Not In Range                          |
|                    | PQL | Practical Quantitative Limit  | RL | Reporting Limit                                 |
|                    | S   | % Recovery outside of standard limits. If undiluted results may be estimated. |    |   |

Page 1 of 5

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2212D31

30-Dec-22

Client: EOG  
Project: Lodewick Line

|                              |        |                                  |           |   |      |          |                     |      |          |      |
|------------------------------|--------|----------------------------------|-----------|---|------|----------|---------------------|------|----------|------|
| Sample ID: <b>LCS-72329</b>  |        | SampType: <b>lcs</b>             |           | TestCode: <b>EPA Method 300.0: Anions</b> |      |          |                     |      |          |      |
| Client ID: <b>LCSS</b>       |        | Batch ID: <b>72329</b>           |           | RunNo: <b>93573</b>                       |      |          |                     |      |          |      |
| Prep Date: <b>12/27/2022</b> |        | Analysis Date: <b>12/27/2022</b> |           | SeqNo: <b>3376237</b>                     |      |          | Units: <b>mg/Kg</b> |      |          |      |
| Analyte                      | Result | PQL                              | SPK value | SPK Ref Val                               | %REC | LowLimit | HighLimit           | %RPD | RPDLimit | Qual |
| Chloride                     | 14     | 1.5                              | 15.00     | 0   | 93.3 | 90       | 110                 |      |          |      |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212D31

30-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>MB-72321</b>     | SampType: <b>MBLK</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>72321</b>           | RunNo: <b>93548</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/27/2022</b>   | Analysis Date: <b>12/27/2022</b> | SeqNo: <b>3375072</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                               | 15   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                               | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.9                              |  | 10.00     |             | 99.3 | 21       | 129       |      |          |      |

| Sample ID: <b>LCS-72321</b>  | SampType: <b>LCS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|------------------------------|----------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72321</b>           | RunNo: <b>93548</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>12/27/2022</b> | Analysis Date: <b>12/27/2022</b> | SeqNo: <b>3375073</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                      | Result                           | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)  | 44                               | 15   | 50.00     | 0           | 88.2 | 64.4     | 127       |      |          |      |
| Surr: DNOP                   | 4.8                              |  | 5.000     |             | 95.2 | 21       | 129       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212D31

30-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb</b>          | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|----------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>R93539</b>          |     |           | RunNo: <b>93539</b>                               |      |                     |           |      |          |      |
| Prep Date:                    | Analysis Date: <b>12/23/2022</b> |     |           | SeqNo: <b>3374535</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                               | 5.0 |           |   |      |                     |           |      |          |      |
| Surr: BFB                     | 860                              |     | 1000      |   | 86.2 | 37.7                | 212       |      |          |      |

| Sample ID: <b>2.5ug gro lcs</b> | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|---------------------------------|----------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>          | Batch ID: <b>R93539</b>          |     |           | RunNo: <b>93539</b>                               |      |                     |           |      |          |      |
| Prep Date:                      | Analysis Date: <b>12/23/2022</b> |     |           | SeqNo: <b>3374536</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                         | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)   | 25                               | 5.0 | 25.00     | 0   | 101  | 72.3                | 137       |      |          |      |
| Surr: BFB                       | 1800                             |     | 1000      |   | 181  | 37.7                | 212       |      |          |      |

| Sample ID: <b>mb-72270</b>   | SampType: <b>MBLK</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                    |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|---|------|--------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72270</b>           |     |           | RunNo: <b>93539</b>                               |      |                    |           |      |          |      |
| Prep Date: <b>12/22/2022</b> | Analysis Date: <b>12/24/2022</b> |     |           | SeqNo: <b>3374558</b>                             |      | Units: <b>%Rec</b> |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 820                              |     | 1000      |   | 81.8 | 37.7               | 212       |      |          |      |

| Sample ID: <b>LCS-72270</b>  | SampType: <b>LCS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                    |           |      |          |      |
|------------------------------|----------------------------------|-----|-----------|---|------|--------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72270</b>           |     |           | RunNo: <b>93539</b>                               |      |                    |           |      |          |      |
| Prep Date: <b>12/22/2022</b> | Analysis Date: <b>12/24/2022</b> |     |           | SeqNo: <b>3374559</b>                             |      | Units: <b>%Rec</b> |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit           | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                    | 1800                             |     | 1000      |   | 175  | 37.7               | 212       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2212D31

30-Dec-22

**Client:** EOG  
**Project:** Lodewick Line

| Sample ID: <b>mb</b>       | SampType: <b>MBLK</b>            |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|----------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>R93539</b>          |       | RunNo: <b>93539</b>                          |             |                     |          |           |      |          |      |
| Prep Date:                 | Analysis Date: <b>12/23/2022</b> |       | SeqNo: <b>3374633</b>                        |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                    | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                    | ND                               | 0.025 |  |             |                     |          |           |      |          |      |
| Toluene                    | ND                               | 0.050 |  |             |                     |          |           |      |          |      |
| Ethylbenzene               | ND                               | 0.050 |  |             |                     |          |           |      |          |      |
| Xylenes, Total             | ND                               | 0.10  |  |             |                     |          |           |      |          |      |
| Surr: 4-Bromofluorobenzene | 0.88                             |       | 1.000  |             | 87.5                | 70       | 130       |      |          |      |

| Sample ID: <b>100ng btex lcs</b> | SampType: <b>LCS</b>             |       | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                     |          |           |      |          |      |
|----------------------------------|----------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>           | Batch ID: <b>R93539</b>          |       | RunNo: <b>93539</b>                          |             |                     |          |           |      |          |      |
| Prep Date:                       | Analysis Date: <b>12/23/2022</b> |       | SeqNo: <b>3374634</b>                        |             | Units: <b>mg/Kg</b> |          |           |      |          |      |
| Analyte                          | Result                           | PQL   | SPK value                                    | SPK Ref Val | %REC                | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                          | 0.92                             | 0.025 | 1.000  | 0           | 91.6                | 80       | 120       |      |          |      |
| Toluene                          | 0.94                             | 0.050 | 1.000  | 0           | 93.5                | 80       | 120       |      |          |      |
| Ethylbenzene                     | 0.93                             | 0.050 | 1.000  | 0           | 93.1                | 80       | 120       |      |          |      |
| Xylenes, Total                   | 2.8                              | 0.10  | 3.000  | 0           | 92.5                | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene       | 0.87                             |       | 1.000  |             | 87.3                | 70       | 130       |      |          |      |

| Sample ID: <b>mb-72270</b>   | SampType: <b>MBLK</b>            |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>        | Batch ID: <b>72270</b>           |     | RunNo: <b>93539</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>12/22/2022</b> | Analysis Date: <b>12/24/2022</b> |     | SeqNo: <b>3374658</b>                        |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.82                             |     | 1.000  |             | 82.3               | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-72270</b>  | SampType: <b>LCS</b>             |     | TestCode: <b>EPA Method 8021B: Volatiles</b> |             |                    |          |           |      |          |      |
|------------------------------|----------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>       | Batch ID: <b>72270</b>           |     | RunNo: <b>93539</b>                          |             |                    |          |           |      |          |      |
| Prep Date: <b>12/22/2022</b> | Analysis Date: <b>12/24/2022</b> |     | SeqNo: <b>3374659</b>                        |             | Units: <b>%Rec</b> |          |           |      |          |      |
| Analyte                      | Result                           | PQL | SPK value                                    | SPK Ref Val | %REC               | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene   | 0.85                             |     | 1.000  |             | 85.3               | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank  
E Above Quantitation Range/Estimated Value  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



Hall Environmental Analysis Laboratory  
4901 Hawkins NE  
Albuquerque, NM 87109  
TEL: 505-345-3975 FAX: 505-345-4107  
Website: www.hallenvironmental.com

## Sample Log-In Check List

Client Name: EOG

Work Order Number: 2212D31

RcptNo: 1

Received By: Isaiah Ortiz

12/23/2022 8:00:00 AM

IOX

Completed By: Isaiah Ortiz

12/23/2022 8:55:52 AM

IOX

Reviewed By:

*[Signature]* 12-23-22

### Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Courier

### Log In

3. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
4. Were all samples received at a temperature of >0° C to 6.0°C Yes ☒ No ☐ NA ☐
5. Sample(s) in proper container(s)? Yes ☒ No ☐
6. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
7. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
8. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
9. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes ☐ No ☐ NA ☒
10. Were any sample containers received broken? Yes ☐ No ☒
11. Does paperwork match bottle labels?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted? \_\_\_\_\_

Checked by: TMC 12/23/22

### Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified: \_\_\_\_\_

Date: \_\_\_\_\_

By Whom: \_\_\_\_\_

Via:

☐ eMail

☐ Phone

☐ Fax

☐ In Person

Regarding: \_\_\_\_\_

Client Instructions: \_\_\_\_\_

16. Additional remarks:

### 17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 0.2     | Good      | Yes         |         |           |           |
| 2         | 0.4     | Good      | Yes         |         |           |           |



## ATTACHMENT 4 – NMOCD CORRESPONDENCE

---

From: Tina Huerta <[Tina\\_Huerta@eogresources.com](mailto:Tina_Huerta@eogresources.com)>

Sent: Wednesday, December 7, 2022 5:43:16 AM

To: [pcd.enviro@emnrd.nm.gov](mailto:pcd.enviro@emnrd.nm.gov) <[pcd.enviro@emnrd.nm.gov](mailto:pcd.enviro@emnrd.nm.gov)>; Alan & Cheryl <[ahowell@pvt.net](mailto:ahowell@pvt.net)>; Austin Weyant <[austin@atkinseng.com](mailto:austin@atkinseng.com)>

Cc: Andrea Felix <[Andrea\\_Felix@eogresources.com](mailto:Andrea_Felix@eogresources.com)>; Katie Jamison <[Katie\\_Jamison@eogresources.com](mailto:Katie_Jamison@eogresources.com)>; Michael Yemm

<[Michael\\_Yemm@eogresources.com](mailto:Michael_Yemm@eogresources.com)>; Terrence Gant <[Terry\\_Gant@eogresources.com](mailto:Terry_Gant@eogresources.com)>

Subject: Lodewick 6" PVL Lateral (nAPP2232635485) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Lodewick 6" PVC Lateral

F-18-19S-25E

32.662988, -104.528508

Eddy County, NM

nAPP2232635485

Sampling will begin at 8:00 a.m. on Friday, December 9, 2022.

Thank you,

*Tina Huerta*

*Regulatory Specialist*

*Direct: 575.748.4168*

*Cell: 575.703.3121*

*Email: [tina\\_huerta@eogresources.com](mailto:tina_huerta@eogresources.com)*



**Artesia Division**



**Tina Huerta** <Tina\_Huerta@eogresources.com>

Tue, Dec 20, 8:29 AM

to ocd.enviro@emnrd.nm.gov, Alan & Cheryl, Austin Weyant, Andrea Felix, Katie Jamison, Michael Yemm, Terrence Gant ▼

You are viewing an attached message. Rangerenv.com Mail can't verify the authenticity of attached messages.

Good Morning,

EOG Resources, Inc. respectfully submits notification (2) business days prior to conducting sampling on the following location.

Lodewick 6" PVC Lateral

F-18-19S-25E

32.662988, -104.528508

Eddy County, NM

nAPP2232635485

Sampling will begin at 8:00 a.m. on Thursday, December 22, 2022.

Thank you,

*Tina Huerta*

*Regulatory Specialist*

*Direct: 575.748.4168*

*Cell: 575.703.3121*

*Email: [tina\\_huerta@eogresources.com](mailto:tina_huerta@eogresources.com)*



**Artesia Division**



## ATTACHMENT 5 – HOWELL RANCH SEED MIXTURE

## **James H & Betty R Howell Revocable Trust Seed Mix**

**1lb per acre of Plains Bristlegrass**

**2lbs per acre of Green Sprangletop**

**3lbs per acre of Side Oats Gramma**

**2lbs per acre of Blue Gramma**

**Increase to 16lbs per acre if broadcast.**

## **Add Reclamation Mix**

**40% Ryegrass (Annual)**

**10% Millet**

**7.5% Kleingrass**

**5.7% Sideoats**

**5% Green Sprangletop**

**7.5% Bristlegrass**

**10% Western Wheatgrass**

**10% Buffalograss**

**2.5% Blue Grama**

**PLANTING RATE 20 lbs. per acre**

**Updated 5/23/2021**

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 171370

CONDITIONS

|  |   |
|--|---|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377  |
|  | Action Number:<br>171370                                  |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition   | Condition Date |
|------------|---|----------------|
| rhamlet    | We have received your closure report and final C-141 for Incident #NAPP2232635485 LODEWICK 6" PVC LATERAL, thank you. This closure is approved. | 5/5/2023       |